

# ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN

## BROOKHAVEN, MS



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#### ELECTRICAL

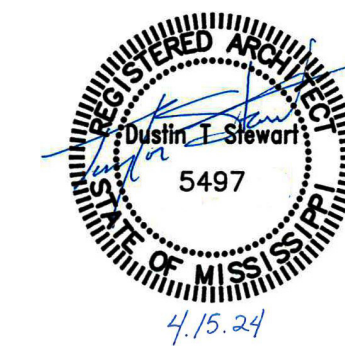
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Project Lead:	STEWART	21007	
Project:		04.15.2024	JAK
Date:			TS
Drawn:			
Checked:			

### ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN

525 BROOKMAN DR,  
BROOKHAVEN, MS 39601



#### TITLE SHEET

# G101

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FOR PRINT SCALE VERIFICATION THE TITLEBLOCK OPENING IS 23" X 32.5"



ABBREVIATED SYMBOLS

∠	ANGLE
— —	CENTERLINE
— —	CHANNEL
⊥	PERPENDICULAR
□	PLATE
○	ROUND

ABBREVIATIONS

ABV	ABOVE
AFF	ABOVE FINISH FLOOR
AFS	ABOVE FINISH SLAB
ACC	ACCESS
ACFL	ACCESS FLOOR
ACP	ACCORDIAN PARTITION
AC	ACOUSTICAL
ACPL	ACOUSTICAL PLASTER
ACT	ACOUSTICAL TILE
ADD	ADDENDUM
ADH	ADHESIVE
ADJ	ADJUSTABLE
AGG	AGGREGATE
A/C	AIR CONDITIONING
ALT	ALTERNATE
ALUM	ALUMINUM
AMU	ARCHITECTURAL MASONRY UNIT
ANC	ANCHOR ANCHORAGE
AB	ANCHOR BOLT
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECT (URAL)
AD	AREA DRAIN
ASB	ASBESTOS
ASPH	ASPHALT
AUTO	AUTOMATIC

BKR	BACKER
BSMT	BASEMENT
BRG	BEARING
BPL	BEARING PLATE
BM	BEAM
BIT	BITUMINOUS
BLK	BLOCK
BLKG	BLOCKING
BD	BOARD
BW	BOTH WAYS
BOT	BOTTOM
BRK	BRICK
BRZ	BRONZE
BLDG	BUILDING
BU	BUILT UP
BBD	BULLETIN BOARD
BOS	BOTTOM OF STEEL

CAB	CABINET
CF	COLD-FORMED
CPT	CARPET
CSMT	CEASEMENT
CI	CAST IRON
CIP	CAST-IN-PLACE
CST	CAST STONE
CB	CATCH BASIN
CLK	CAULK(ING) CAULK(ING)
CLG	CEILING
CEM	CEMENT
CMBD	CEMENTITIOUS BOARD
CT	CERAMIC TILE
CBD	CHALK BOARD
CHAM	CHAMFER
CIR	CIRCLE
CLR	CLEAR(ANCE)
CLS	CLOSURE
COL	COLUMN
COMB	COMBINATION
COMPO	COMPOSITION, COMPOSITE
COMP	COMPRESS(ED)(ION)
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONST	CONSTRUCTION
CONT	CONTINUOUS, CONTINUE
CONTR	CONTRACT, CONTRACTOR
CJ	CONTROL JOINT
CPR	COPPER
CG	CORNER GUARD
CORUG	CORRUGATED
CORR	CORRIDOR
CTR	COUNTER
CFL	COUNTERFLASHING
CNTRSK	COUNTERSINK
CSE	COURSE(S)

CF	CUBIC FOOT
CY	CUBIC YARD
CO	CLEAN OUT
CLO	CLOSET
DN	DOWN
DPR	DAMPER
DP	DAMP-PROOFING
DEM	DEMOLISH, DEMOLITION
DMT	DEMOUNTABLE
DET	DETAIL
DIAG	DIAGONAL
DIA	DIAMETER
DIM	DIMENSION
DISP	DISPENSER
DIV	DIVISION
DR	DOOR
DA	DOUBLE ACTING
DH	DOUBLE HUNG
DS	DOWNSPOUT
D	DRAIN
DT	DRAIN TILE
DRWG	DRAWING
DF	DRINKING FOUNTAIN
DBL	DOUBLE

EA	EACH
EW	EACH WAY
E	E
ELEC	ELECTRIC(AL)
EDF	ELEC. DRINKING FNT
ELEV	ELEVATION
EMER	EMERGENCY
EP	EPOXY PAINT
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE
EXC	EXCAVATE
EXH	EXHAUST
EXIST	EXISTING
EB	EXPANSION BOLT
EJ	EXPANSION JOINT
EXP	EXPOSED
EXT	EXTERIOR
E.I.S.	EXTERIOR INSULATION SYSTEM

FB	FACE BRICK
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
FAS	FASTEN, FASTENER
FND	FEMININE NAPKIN DISP.
FIN	FINISH (ED)
FBRK	FIRE BRICK
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CAB.
FHS	FIRE HOSE STATION
FPL	FIREPLACE
FP	FIREPROOF
FRT	FIRE-RETARDANT
FLG	FLASHING
FLR	FLOORING
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FLOR	FLOURESCENT
FTG	FOOTING
FNT	FOUNTAIN
FR	FRAME (D),(ING)
FHB	FREEZEPROOF HOSE BIB
FT	FOOT

GA	GAGE, GUAGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACT(OR)
GL	GLASS, GLAZING, GLAZED
GLB	GLASS BLOCK
GOVT	GOVERNMENT
GB	GRAB BAR
GD	GRADE, GRADING
GVL	GRAVEL
GT	GROUT
GYP	GYPSUM
GYP BD	GYPSUM BOARD
GWB	GYPSUM WALL BOARD

HCP	HANDICAP(PED)
HDW	HARDWARE
HDR	HEADER
HTG	HEATING
HVAC	HTG. VENTILATING, A/C
HD	HEAVY DUTY

HGT	HEIGHT
HC	HOLLOW CORE
HM	HOLLOW METAL
HOR	HORIZONTAL
HB	HOSE BIB
HWH	HOT WATER HEATER
HR	HOUR
HYD	HYDRANT

INCIN	INCINERATOR
ID	INSIDE DIAMETER
INSUL	INSULATE(D),(ION)
INT	INTERIOR
INV	INVERT

JC	JANITOR'S CLOSET
JT	JOINT
JF	JOINT FILLER
JST	JOIST

KPL	KICKPLATE
KIT	KITCHEN
KO	KNOCKOUT

LBL	LABEL
LAB	LABORATORY
LAD	LADDER
LB	LAG BOLT
LAM	LAMINATE(D)
LAT	LAY IN ACOUSTICAL TREATMENT
LAV	LAVATORY
LH	LEFT HAND
L	LENTH
LT	LIGHT
LP	LIGHTPROOF
LWC	LIGHTWEIGHT CONC
LN	LINE
LTL	LINTEL
LL	LIVE LOAD
LVR	LOUVER
LF	LINEAR FEET

MB	MARKER BOARD
MH	MANHOLE
MFGR	MANUFACTURE (R)
MRBL	MARBLE
MAS	MASONRY
MO	MASONRY OPENING
MAX	MAXIMUM
MECH	MECHANIC (AL)
MC	MEDICINE CABINET
MBR	MEMBER
MMB	MEMBRANE
MTL	METAL
MT	METAL THRESHOLD
MWK	MILLWORK
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MLD	MOLDING, MOULDING
MOV	MOVABLE
MULL	MULLION
MCM	METAL COMPOSITE MATERIAL

NAT	NATURAL
NRC	NOISE REDUCTION COEFFICIENT
NOM	NOMINAL
NMT	NONMETALIC
N	NORTH
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
NO	NUMBER

OBS	OBSCURE
OC	ON CENTERS
OFF	OFFICE
OPNG	OPENING
OPP	OPPOSITE
OD	OUTSIDE DIAMETER
OA	OVERALL
OH	OVERHEAD
OS	OUTSIDE

PT	PAINT (ED)
PR	PAIR
PNL	PANEL
PTD	PAPER TOWEL DISPENSER
PTR	PAPER TOWEL RECEPTOR
PAR	PARALLEL

PKG	PARKING
PBD	PARTICLE BOARD
PTN	PARTITION
PV	PAVE(D),(ING)
PVMT	PAVEMENT
PERF	PERFORATE(D)
PLAS	PLASTER
PLAM	PLASTIC LAMINATE
PL	PLATE
PG	PLATE GLASS
PLYWD	PLYWOOD
PNT	POINT
PVC	POLYVINYL CHLORIDE
PSF	POUNDS/SQUARE FOOT
PSI	POUNDS/SQUARE INCH
PFB	PREFABRICATE (D)
PFN	PREFINISHED
PREP	PREPARATION
PL	PROPERTY LINE

REQD	REQUIRED
RAD	RADIUS
RL	RAIL (ING)
RND	ROUND
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REIN	REINFORCE (D),(ING)
RCP	REINF CONCRETE PIPE
RES	RESILIENT
RET	RETURN
RA	RETURN AIR
REV	REVISION(S), REVISED
RH	RIGHT HAND
ROW	RIGHT OF WAY
RBR	RUBBER
RVT	RIVET
RD	ROOF DRAIN
RFD	ROOF DECK
RH	ROOF HATCH
RF	ROOFING
RM	ROOM
RO	ROUGH OPENING
RB	RUBBER BASE
REC	RECESS (ED)

SFGL	SAFETY GLASS
SND	SANITARY NAPKIN SCHEDULE
SCH	SCHEDULE

SCN	SCREEN
SLNT	SEALANT
STG	SEATING
SEC	SECTION
SS	SERVICE SINK
SHTH	SHEATHING
SHT	SHEET
SV	SHEET VINYL
SH	SHelf, SHelVING
SMF	SEAMLESS FLOOR
SIM	SIMILAR
SKL	SKYLIGHT
SC	SOLID CORE
SCW	SOLID CORE WOOD
SAP	SOUND ABSORPTION PNL
SP	SOUNDPROOF
S	SOUTH

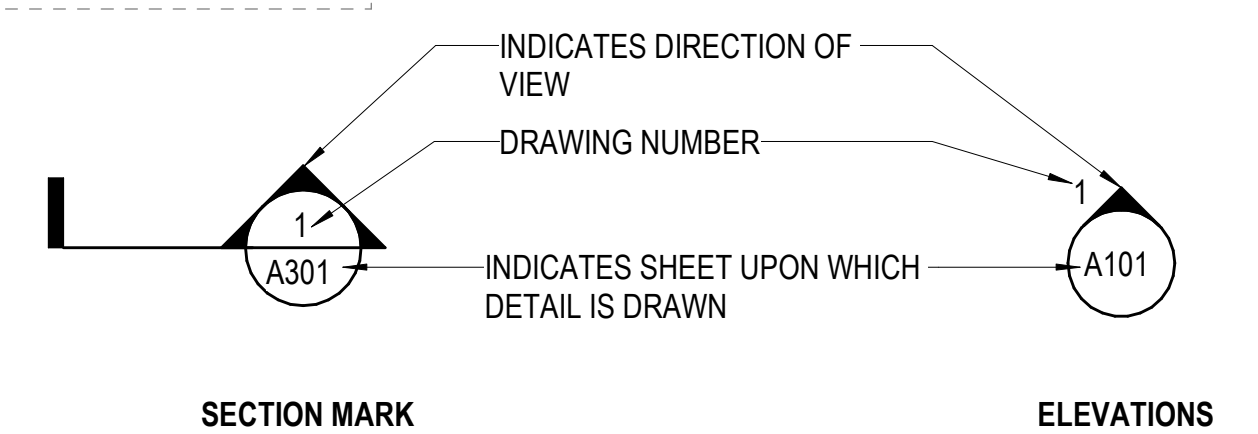
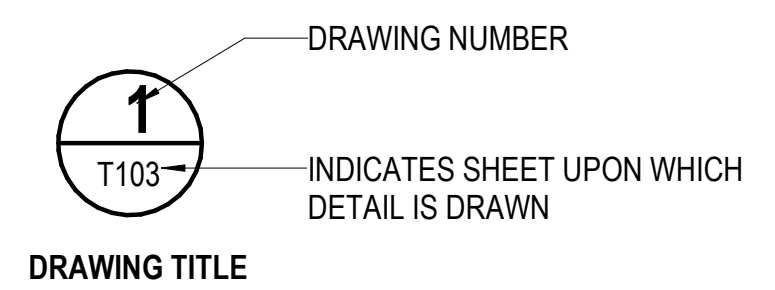
SPCR	SPACER
SPL	SPECIAL SPECIFICATION(S)
SQ	SQUARE
ST	STAIN
SSTL	STAINLESS STEEL
STD	STANDARD
STA	STATION
STL	STEEL
STOR	STORAGE
SD	STORM DRAIN
STC	STUCCO
STR	STRUCTURAL
SUS	SUSPENDED
SYN	SYNTHETIC
SEL	SEALER
SB	SMART BOARD

TLT	TOILET
TB	TACKBOARD
TECH	TECHNICAL
TEL	TELEPHONE
TV	TELEVISION
TEMP	TEMPORARY
THK	THICK (NESS)
TH	THRESHOLD
TPD	TOILET PAPER DISP
TPH	TOILET PAPER HOLDER
TG	TONGUE AND GROOVE
T&B	TOP AND BOTTOM
TOS	TOP OF STEEL
TB	TOWEL BAR

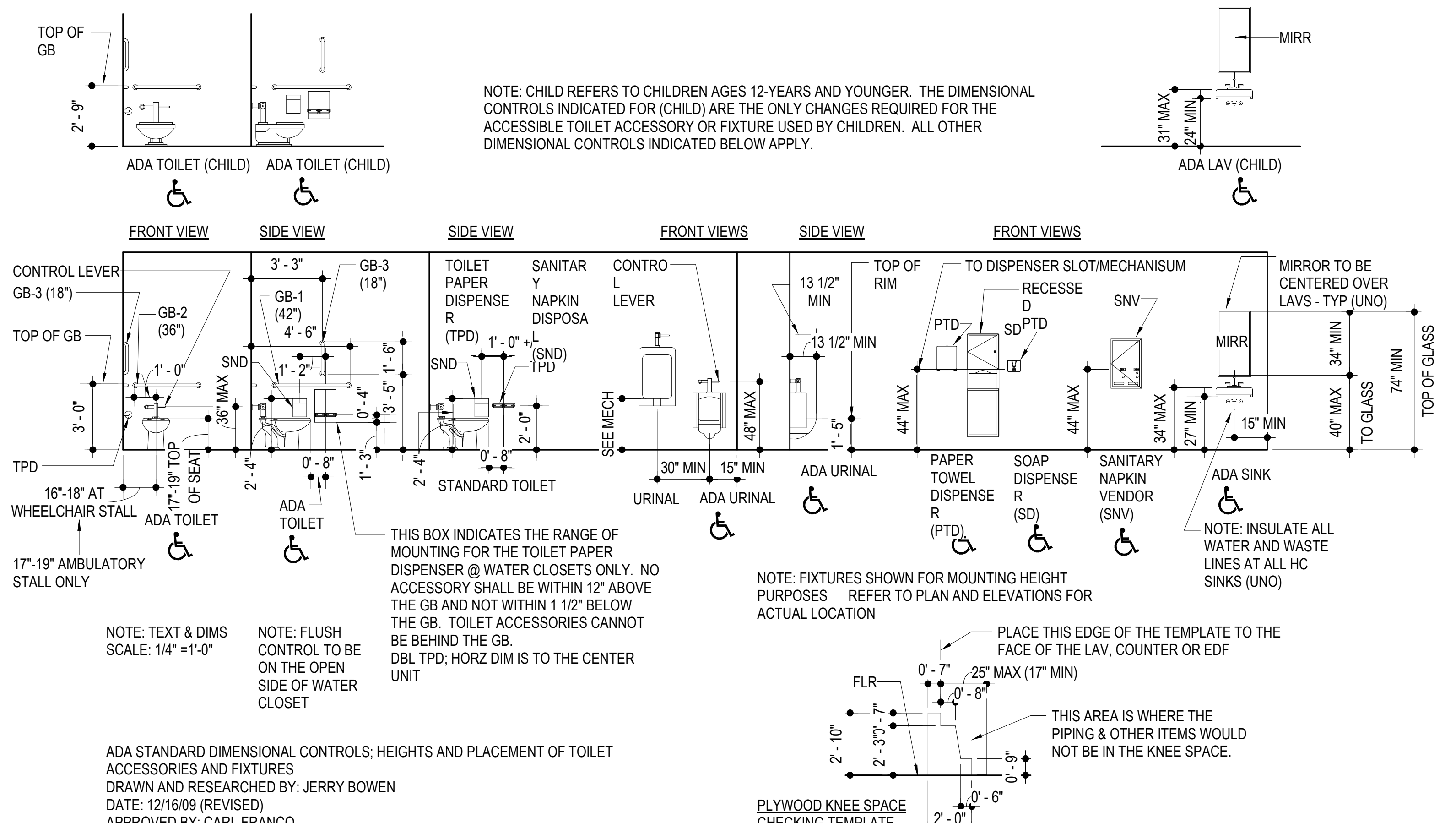
TR	TRANSOM
T	TREAD
TYP	TYPICAL
TOB	TOP OF BEAM
TRTD	TREATED
UC	UNDERCUT
UNF	UNFINISHED
UNGL	UNGLAZED
UR	URINAL
VAL	VALLEY
VWC	VINYL WALL COVER
VB	VAPOR BARRIER
VNR	VENEER
VTR	VENT THRU ROOF
VERT	VERTICAL
VT	VINYL TILE
VCT	VINYL COMPO TILE

WSCT	WAINSCOT
WR	WASTE RECEPTOR
WC	WATER CLOSET
WP	WATERPROOFING
WWM	WELDED WIRE MESH
W	WEST
WDT	WIDTH, WIDE
WDW	WINDOW
WD	WOOD
WB	WOOD BASE
WWC	WOOD WALL COVERING
WI	WROUGHT IRON
WI	WITH
YP	YELLOW PINE
ZN	ZONE

ROOM	ROOM NUMBER
123	
4	PARTITION WALL TYPE
101A	DOOR AND FRAME NUMBER
3	WINDOW
3	KEYNOTE
1	NUMBER/LETTER COLUMN GRID
3	REVISIONS



KEY TO TITLE & SYMBOLS



Revisions:

1	STEWART
2	21007
3	04.15.2024
TS	TS
TS	TS

Project Lead: STEWART  
Project: 21007  
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**CODE DATA**

**APPLICABLE CODE:**  
 2015 INTERNATIONAL BUILDING CODE  
 NFPA 101  
 MINIMUM STANDARDS FOR INSTITUTIONS FOR THE AGED OR INFIRMED (MS STATE DEPT OF HEALTH)

**OCCUPANCY CLASSIFICATION:**  
 INSTITUTIONAL I-2 (CONDITION 1)

**AUTOMATIC FIRE SUPPRESSION SYSTEM:**  
 PROVIDED THROUGHOUT

**CONSTRUCTION TYPE:**  
 TYPE VA

**FIRE WALL SEPERATION RATING:**  
 2 HR (TABLE 706.4)

**OCCUPANT LOAD RENOVATION: 265 OCC**  
 SLEEPING UNITS: 9,440 SF @ 120 SF/OCC GROSS (79 OCC)  
 BUSINESS: 3,216 SF @ 100 SF/OCC GROSS (33 OCC)  
 ASSEMBLY: 2,155 SF @ 15 SF/OCC NET (144 OCC)  
 STORAGE: 2,022 SF @ 300 SF/OCC GROSS (70CC)  
 MECHANICAL/ELECTRICAL: 378 SF @ 300 SF/OCC GROSS (2 OCC)

**OCCUPANT LOAD ADDITION: 350 OCC**  
 SLEEPING UNITS: 16,117 SF @ 120 SF/OCC GROSS (136 OCC)  
 BUSINESS: 3,416 SF @ 100 SF/OCC GROSS (36 OCC)  
 ASSEMBLY: 2,325 SF @ 15 SF/OCC NET (155 OCC)  
 STORAGE: 518 SF @ 300 SF/OCC GROSS (2 OCC)  
 MECHANICAL/ELECTRICAL: 1,513 SF @ 300 SF/OCC GROSS (7 OCC)  
 KITCHEN: 1,570 SF @ 200 SF/OCC GROSS (8 OCC)  
 IN PATIENT TREATMENT: 1,392 SF @ 240 SF/OCC (6 OCC)

**ADDITION**

**BUILDING AREA:**  
 ACTUAL: 33,789 SF  
 ALLOWABLE: 38,000 SF (NO INCREASES INCLUDED)

**BUILDING HEIGHT:**  
 ACTUAL: 27' - 6"  
 ALLOWABLE: 50' - 0"

**STORIES:**  
 ACTUAL: 1  
 ALLOWABLE: 1

**OCCUPANCY SEPERATION:**  
 NON SEPERATED OCCUPANCIES (508.3)

**INCEDENTAL USE RATINGS:**  
 I-2 LAUNDRY ROOMS OVER 100 SQ FT  
 I-2 WASTE AND LINEN COLLECTION ROOMS OVER 100 SQ FT  
 I-2 STORAGE ROOMS OVER 100 SQ FT

**BUILDING COMPONENTS RATINGS:**  
 PRIMARY STRUCTURAL FRAME 1HR  
 EXT/INT BEARING WALLS 1HR  
 NON-BEARING EXT WALLS 0HR IF SEPERATION >30'  
 NON-BEARING INT WALLS 0HR  
 ROOF CONSTRUCTION 1HR\*  
 EXCEPTION B - FIRE PROTECTION SHALL NOT BE REQUIRED WHERE EVERY PART OF THE ROOF CONSTRUCTION IS 20' OR MORE ABOVE ANY FLOOR IMMEDIATELY BELOW.

**SMOKE COMPARTMENTS:**  
 SHALL NOT EXCEED 22,500SQ FT. DISTANCE OF TRAVEL FROM ANY POINT IN A SMOKE COMPARTMENT TO SMOKE BARRIER DOOR SHALL NOT EXCEED 200'  
 MIN REQ: 2 PROVIDED: 3

**FIRE EXTINGUISHER CABINETS:**  
 MAX ALLOWABLE AREA PER EXTINGUISHER: 11,250 SQ FT  
 MAXIMUM TRAVEL DISTANCE: 75'  
 MAX DISTANCE FROM RESIDENTIAL/COMMERCIAL COOKING EQUIPMENT: 30 FT  
 MIN REQ: 11

**RENOVATION**

**BUILDING AREA:**  
 ACTUAL: 28,233 SF  
 ALLOWABLE: 38,000 SF (NO INCREASES INCLUDED)

**BUILDING HEIGHT:**  
 ACTUAL: 31' - 2"  
 ALLOWABLE: 50' - 0"

**STORIES:**  
 ACTUAL: 1  
 ALLOWABLE: 1

**OCCUPANCY SEPERATION:**  
 NON SEPERATED OCCUPANCIES (508.3)

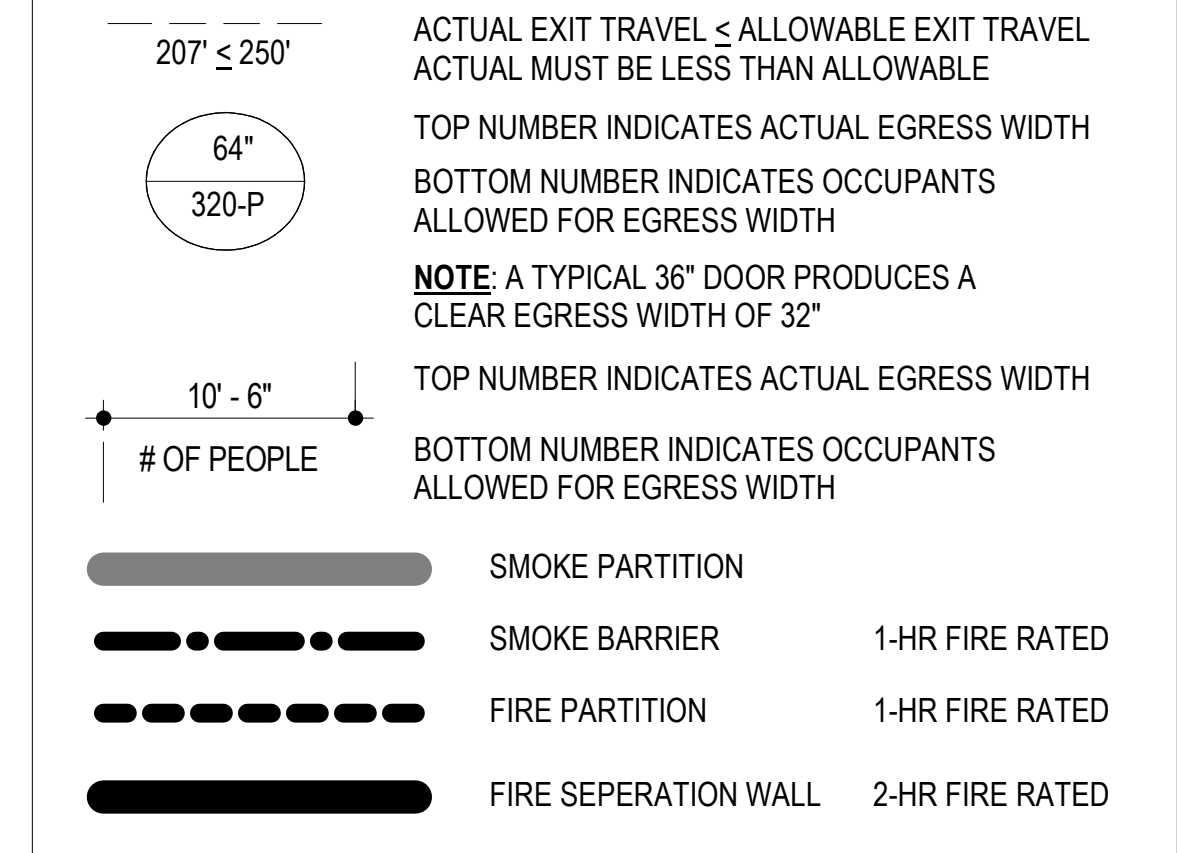
**INCEDENTAL USE RATINGS:**  
 I-2 LAUNDRY ROOMS OVER 100 SQ FT  
 I-2 WASTE AND LINEN COLLECTION ROOMS OVER 100 SQ FT  
 I-2 STORAGE ROOMS OVER 100 SQ FT

**BUILDING COMPONENTS RATINGS:**  
 PRIMARY STRUCTURAL FRAME 1HR  
 EXT/INT BEARING WALLS 1HR  
 NON-BEARING EXT WALLS 0HR IF SEPERATION >30'  
 NON-BEARING INT WALLS 0HR  
 ROOF CONSTRUCTION 1HR\*  
 EXCEPTION B - FIRE PROTECTION SHALL NOT BE REQUIRED WHERE EVERY PART OF THE ROOF CONSTRUCTION IS 20' OR MORE ABOVE ANY FLOOR IMMEDIATELY BELOW.

**SMOKE COMPARTMENTS:**  
 SHALL NOT EXCEED 22,500SQ FT. DISTANCE OF TRAVEL FROM ANY POINT IN A SMOKE COMPARTMENT TO SMOKE BARRIER DOOR SHALL NOT EXCEED 200'  
 MIN REQ: 2 PROVIDED: 3

**FIRE EXTINGUISHER CABINETS:**  
 MAX ALLOWABLE AREA PER EXTINGUISHER: 11,250 SQ FT  
 MAXIMUM TRAVEL DISTANCE: 75'  
 MAX DISTANCE FROM RESIDENTIAL/COMMERCIAL COOKING EQUIPMENT: 30 FT  
 MIN REQ: 12

**EGRESS LEGEND**



**1 LIFE SAFETY PLAN**  
 A201 1/16" = 1'-0"



Revisions:

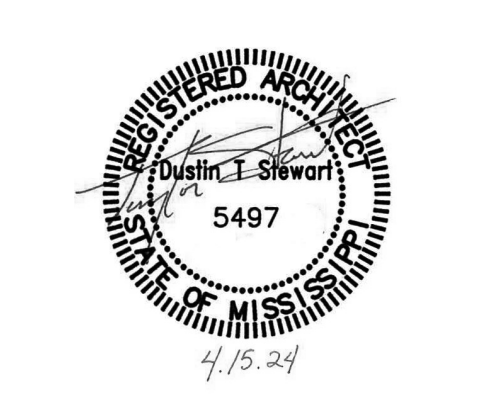
1	STEWART	21007	JAK	TS
2		04.15.2024		
3				

Project Lead: STEWART  
 Project: 21007  
 Date: 04.15.2024  
 Drawn: JAK  
 Checked: TS

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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**

525 BROOKMAN DR.,  
 BROOKHAVEN, MS 39601



**LIFE SAFETY PLAN**





**CIVIL GENERAL NOTES**

**GENERAL NOTES:**

1. THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH TWO SETS OF "AS-BUILT" DRAWINGS PRIOR TO REQUESTING A FINAL INSPECTION. THE "AS-BUILT" DRAWINGS SHALL SHOW THE LOCATIONS OF ALL SEWER AND WATER STRUCTURES, LINES, BENDS, AND APPURTENANCES. GRADES ON STORM SEWER LINES SHALL ALSO BE FURNISHED ON "AS-BUILTS" DRAWINGS.
2. INSTALLATION OF ANY GRAVITY FLOW PIPE, SUCH AS SANITARY SEWER OR STORM DRAIN, SHALL REQUIRE THAT THE CONTRACTOR START AT THE LOWEST CONNECTION POINT ELEVATION, AND WORK IN THE UPHILL DIRECTION. IF, IN THE BEST INTEREST OF THE PROJECT, THE CONTRACTOR WISHES TO INITIATE PIPE LAYING AT SOME LOCATION OTHER THAN THE LOWEST CONTROL, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM A SATISFACTORY CONNECTION TO THE LOWEST CONTROL, PRIOR TO BEGINNING CONSTRUCTION AT SOME POINT OTHER THAN THE LOWEST CONTROL ELEVATION. THE CONTRACTOR SHALL REQUEST, IN WRITING, AND RECEIVE, IN WRITING, APPROVAL FROM THE DESIGN ENGINEER, WHOSE NAME APPEARS ON THESE PLANS. SANITARY SEWER MAINS OR SERVICES WITH LESS THAN THREE FEET OF COVER SHALL BE DUCTILE IRON PIPE. WHEREVER A SANITARY SEWER SERVICE CROSSES OVER OR UNDER A STORM DRAIN PIPE AND/OR A WATER MAIN, THE SERVICE SHALL BE EXTENDED A MINIMUM OF FIVE FEET BEYOND THE FURTHEST PIPELINE. IN NO CASE, WITHOUT THE ENGINEERS WRITTEN APPROVAL, SHALL THE CONTRACTOR TERMINATE THE SANITARY SEWER SERVICE AT A LOCATION THAT WOULD REQUIRE THE BUILDING PLUMBER TO INSTALL PIPE ACROSS THE STORM DRAIN PIPE AND/OR WATER MAIN.
3. CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION TO PREVENT DAMAGE TO ALL TREE ROOTS DURING ENTRENCHING AND ANY OTHER CONSTRUCTION THAT MAY ENDANGER THE HEALTH OF THE TREES.
4. UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY EXISTING ON-SITE OR OFF-SITE ITEMS THAT WILL REMAIN IN PLACE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE. THOSE ITEMS INCLUDE, BUT ARE NOT LIMITED TO DRAINAGE SYSTEMS, UTILITIES, CURBING, PAVEMENT, LANDSCAPING, IRRIGATION SYSTEMS, FENCING, SITE STRUCTURES, RETAINING WALLS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS, AND SHALL BE TO THE SATISFACTION OF THE OWNER OF THE REPAIRED ITEM. PRIOR TO MAKING ANY REPAIRS, THE CONTRACTOR SHALL SUBMIT A DETAILED REPAIR METHODOLOGY TO THE ENGINEER AND ARCHITECT. REPAIRS SHALL NOT BEGIN UNTIL APPROVAL FROM THE ENGINEER AND ARCHITECT HAS BEEN ISSUED. CONTRACTOR SHALL DOCUMENT ANY EXISTING DAMAGE WITH PHOTOS, VIDEOS, ETC., AND NOTIFY THE ARCHITECT AND ENGINEER PRIOR TO COMMENCING CONSTRUCTION IN THE AREA OF THE EXISTING DAMAGED ITEM.
5. IF THE CONTRACTOR MUST CROSS AN EXISTING ITEM (PAVEMENT, SIDEWALK, ETC.) TO INSTALL A NEW IMPROVEMENT (UTILITIES, STORM DRAINAGE, ETC.), THE CONTRACTOR SHALL INCLUDE IN HIS BASE BID, ALL COST REQUIRED TO REPLACE THE EXISTING ITEM IMPACTED BY CONSTRUCTION.

**CONTRACTOR RESPONSIBILITY NOTES:**

1. THE PROPOSED WORK ITEMS SHOWN ON THESE PLANS DO NOT NECESSARILY DEPICT ANY AND ALL ITEMS THAT MAY BE REQUIRED TO IMPLEMENT A FINAL BEST MANAGEMENT PRACTICES STORMWATER POLLUTION PREVENTION PLAN. THESE WORK ITEMS DO NOT RELIEVE THE CONTRACTOR OF ENSURING THAT ALL LOCAL, STATE AND FEDERAL REQUIREMENTS FOR STORM WATER POLLUTION PREVENTION, WATER QUALITY AND ILLEGAL POINT SOURCE DISCHARGE ARE STRICTLY ADHERED TO. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL ACTIONS THAT ARE NECESSARY TO BE IN COMPLIANCE WITH ALL OF THESE REGULATIONS. THE CONTRACTOR SHALL BEAR ALL EXPENSES RELATED TO IMPLEMENTING THESE MEASURES AND A PROPER BEST MANAGEMENT PRACTICES STORMWATER POLLUTION PREVENTION PLAN IRREGARDLESS OF WHETHER A REQUIRED FACILITY, STRUCTURE, FENCING, SEEDING, MATS, ETC. ARE SHOWN ON THESE PLANS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR READING AND IMPLEMENTING ALL NOTES SHOWN IN THESE PLANS. THE CONTRACTOR SHALL NOT BE RELIEVED OF ANY REQUIREMENTS SET FORTH AS PART OF NOTES SHOWN ON THIS SHEET OR ANY ADDITIONAL COSTS THAT MAY BE INCURRED FOR FAILURE TO READ SAID NOTES.

**EROSION CONTROL NOTES:**

1. THE CONTRACTOR SHALL EXECUTE THE SCNOI AND FOLLOW THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) INCLUDED IN THE PROJECT SPECIFICATIONS.
2. EROSION CONTROL MEASURES SHALL BE INSTALLED PROMPTLY DURING ALL CONSTRUCTION PHASES. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE MISSISSIPPI PLANNING AND DESIGN MANUAL FOR THE CONTROL OF EROSION, SEDIMENT AND STORMWATER. INSTALLATION AND MAINTENANCE OF STRUCTURAL AND VEGETATIVE PRACTICES SHALL BE PER THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY, FIELD MANUAL FOR EROSION AND SEDIMENT CONTROL ON CONSTRUCTION SITES IN MISSISSIPPI, SECOND EDITION 2005. IN ADDITION, CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS.

**DEMOLITION NOTES:**

1. CONTRACTOR SHALL REFERENCE THE GEOTECHNICAL INVESTIGATION REPORT ATTACHED WITH THE PROJECT MANUAL AND SHALL FAMILIARIZE HIMSELF WITH ALL OBSERVATIONS, RECOMMENDATIONS, AND DATA CONTAINED IN THAT INVESTIGATION PRIOR TO ANY DISTURBANCE TO THE PROJECT AREA.
2. CONTRACTOR SHALL REMOVE EXISTING ASPHALT, PCC CONCRETE, CURB AND GUTTER, ETC. AS REQUIRED TO INSTALL NEW IMPROVEMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO DEMOLITION. CONTRACTOR SHALL INCLUDE, IN HIS BASE BID, ALL COSTS REQUIRED TO DEMOLISH AND REPLACE ANY ITEMS REQUIRED TO INSTALL THE NEW IMPROVEMENTS SHOWN IN THE CONSTRUCTION DOCUMENTS.
3. CONTRACTOR SHALL REMOVE AND STORE ON SITE ANY EXISTING SIGNAGE WITHIN THE LIMITS OF DISTURBANCE TO PREVENT DAMAGE DURING CONSTRUCTION.

**SITE NOTES:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS FOR THIS PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR DEMOLITION.
2. CONTRACTOR SHALL INSTALL ISOLATION JOINTS BETWEEN THE SIDEWALKS AND OTHER FIXED STRUCTURES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ANY AND ALL UTILITY COMPANIES IN REGARDS TO UTILITIES THAT MAY NEED TO BE RELOCATED AS PART OF THIS WORK.
4. CONTRACTOR SHALL PROVIDE PROPER TRAFFIC CONTROL, WARNING SIGNS THROUGH THE DURATION OF THE PROJECT AS REQUIRED BY THE ENGINEER OF RECORD AND AUTHORITIES HAVING JURISDICTION. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), LATEST EDITION.
5. IF TRAFFIC INTERRUPTIONS ARE REQUIRED, THEY SHALL BE KEPT TO A MINIMUM AND THE CONTRACTOR SHALL BE SUBJECT TO LOCAL LAWS IN REGARDS TO TRAFFIC INTERRUPTIONS.
6. CONTRACTOR SHALL KEEP ALL OTHER ROADS OPERATIONAL THROUGHOUT THE COURSE OF THE PROJECT. HOWEVER, IN THE EVENT ROAD CLOSURE IS NECESSARY, CONTRACTOR SHALL NOTIFY ALL AGENCIES AT LEAST SEVENTY-TWO (72) HOURS IN ADVANCE OF ANY ROAD CLOSINGS. THIS NOTIFICATION SHALL INCLUDE, BUT NOT BE LIMITED TO, POLICE, FIRE AND OWNER ALONG WITH ALL REGULATORY AND GOVERNMENTAL AGENCIES. IF TRAFFIC INTERRUPTIONS ARE REQUIRED, THEY SHALL BE KEPT TO A MINIMUM AND THE CONTRACTOR SHALL BE SUBJECT TO LOCAL LAWS IN REGARDS TO TRAFFIC INTERRUPTIONS.
7. CONTRACTOR SHALL INSTALL HANDICAP PARKING, SYMBOLS AND RAMPS PER CITY OF BROOKHAVEN AND A.D.A. REQUIREMENTS.
8. CONTRACTOR SHALL STRIPE ALL HANDICAP PARKING SPACE BLUE. ALL OTHER STRIPING SHALL BE WHITE, U.I.D.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AS SHOWN ON THE SITE LAYOUT PLAN. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. CONTRACTOR SHALL CONSULT AND VERIFY ALL BUILDING DIMENSIONS WITH THE BUILDING PLANS AND THE FOUNDATION PLANS. IF ANY DISCREPANCIES ARISE, THE BUILDING PLANS AND/OR THE FOUNDATION PLAN OVERRIDE ANY DIMENSIONS ON THE SITE LAYOUT PLAN. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ENGINEER IF ANY SAID DISCREPANCIES MAY AFFECT THE LAYOUT OF THE SITE PLAN.
10. PROPERTY LINE AND OTHER SITE FEATURES ARE BASED ON PREVIOUS SURVEYS AND PROJECTS. THEY SHOULD BE TAKEN AS APPROXIMATE AND CONTRACTOR SHOULD LOCATE THE TRUE PROPERTY BOUNDARY WHERE WORKING NEAR THE PROPERTY LINES.

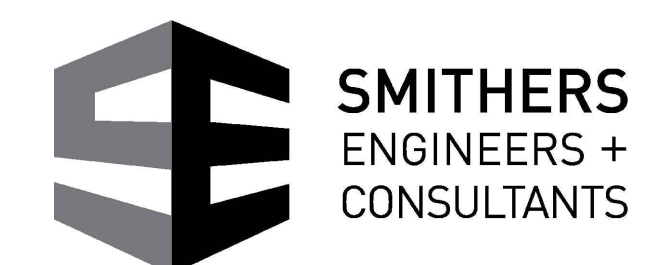
**SITE GRADING & DRAINAGE NOTES:**

1. ALL TOPOGRAPHIC INFORMATION INCLUDING, BUT NOT LIMITED TO, LOCATIONS OF ALL EXISTING ABOVE AND BELOW GROUND UTILITIES, EXISTING SANITARY SEWER INVERT INFORMATION, TREES, AND EXISTING ROADWAYS WERE TAKEN FROM A TOPOGRAPHIC SURVEY PERFORMED BY BARNES SURVEYING, LLC. IF THE CONTRACTOR DOES NOT ACCEPT THE EXISTING TOPOGRAPHY AS SHOWN ON THESE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER AND THE ENGINEER OF RECORD FOR REVIEW.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON THE PROVIDED SURVEY, RECORDS OF THE VARIOUS UTILITY COMPANIES, EXISTING AS-BUILT DRAWINGS, AND CONVERSATIONS WITH THE OWNER. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, ETC., AND ALL UTILITIES PRIOR TO CONSTRUCTION.
4. CLEARING AND GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UNDISTURBED AREAS, ALL PROPERTY CORNERS AND REPLACING ALL PINS AND SURVEY BENCHMARKS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL LOCAL GOVERNING CODES AND SHALL COMPLY WITH SAID CODES.
6. ALL PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
7. ANY DRAINAGE STRUCTURE, CURB INLET, OR CATCH BASIN WITH A DEPTH GREATER THAN FOUR FEET ARE REQUIRED TO HAVE STEPS.
8. ALL FINISHED GRADES SHOWN IN ROADWAY/PARKING ARE TOP OF PAVEMENT UNLESS OTHERWISE NOTED.

**UTILITY NOTES:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS OF ALL PROJECT RELATED UTILITIES, BURIED AND ABOVE GROUND, REGARDLESS OF INCLUSION ON THESE PLANS. THE LOCATIONS OF ANY EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ALL CONTRACTOR DAMAGED UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH OTHER TRADES FOR TIE IN LOCATION AND SIZE/FLOW REQUIREMENTS FOR WATER AND SEWER TIE IN. TIE IN LOCATIONS AND SIZES ARE SUBJECT TO CHANGE BASED ON ARCHITECTURAL AND PLUMBING PLANS.
3. ALL UTILITIES SHALL REMAIN OPERATIONAL THROUGHOUT THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE OWNER AND UTILITY COMPANY OF ANY TEMPORARY UTILITY INTERRUPTION OR ANY CONSTRUCTION HAVING POTENTIAL IMPACT TO THE UTILITY'S STRUCTURE AT A MINIMUM 48 HOURS PRIOR TO COMMENCING WORK.
4. WATER SERVICE SHALL BE MAINTAINED TO ALL EXISTING CUSTOMERS; IF ANY SERVICE MUST BE INTERRUPTED, THE CONTRACTOR MUST CONTACT THE UTILITY COMPANY AND OWNER, AND THE AFFECTED CUSTOMERS SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE BY THE CONTRACTOR.
5. CONTRACTOR SHALL PROVIDE A COVER OF 36", MINIMUM, ON ALL WATER MAINS.
6. NEW WATER MAIN SHALL MAINTAIN 18" VERTICAL SEPARATION AND 10' HORIZONTAL SEPARATION BETWEEN SEWER MAIN AND STORM DRAIN PIPES, WHERE CROSSINGS OCCUR. WATER MAIN SHALL BE ROUTED OVER STORM PIPE WHEREVER POSSIBLE.
7. CONTRACTOR SHALL INSTALL THRUST BLOCKS AT ALL BENDS AND FITTINGS (SEE DETAIL SHEET).
8. CONTRACTOR SHALL INSTALL LOCATOR WIRE AROUND ALL NEW INSTALLED PIPE AND FITTINGS.
9. ALL PROPOSED POTABLE WATER LINE FITTINGS, FIRE HYDRANTS AND ALL OTHER WATER LINE PIPING MATERIALS AND FITTINGS FOR THIS PROJECT SHALL BE AWWA APPROVED.
10. CONTRACTOR SHALL INSTALL ALL WATER LINES AND FITTINGS AS PER MANUFACTURER'S INSTALLATION RECOMMENDATIONS.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH BUILDING CONTRACTOR FOR LOCATION OF ALL UTILITY ENTRANCES AND CONNECTIONS.
12. EXISTING WATER, GAS, AND SANITARY SERVICE LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THESE LINES LOCATED AND COORDINATE TIE IN LOCATIONS WITH THE BUILDING CONTRACTOR.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING BUILDING SANITARY SEWER PIPE ELEVATION AND DETERMINE THE ELEVATION REQUIRED TO CONNECT TO THE EXISTING SEWER LINES.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL SEWER LINES TO INSURE POSITIVE FLOW OF SEWER LINES.
15. THESE PLANS ARE SUBJECT TO APPROVAL BY THE LOCAL GOVERNING MUNICIPALITY AND ANY OTHER GOVERNING AUTHORITY.
16. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR STUB OUT OF ALL UTILITIES TO WITHIN 5' OF THE BUILDING AT THE REQUIRED LOCATION AS DIRECTED BY THE PLUMBING CONTRACTOR. SITE CONTRACTOR SHALL COORDINATE LOCATION AND STUB OUT REQUIREMENTS PER ARCHITECTURAL/PLUMBING/ ELECTRICAL, ETC. PRIOR TO COMMENCEMENT OF CONSTRUCTION.

SHEET LIST	
SHEET	DESCRIPTION
C001	CIVIL GENERAL NOTES
C101	EROSION CONTROL PLAN
C111	DEMOLITION PLAN
C121	SITE PLAN
C131	GRADING PLAN
C141	UTILITY PLAN
C201	CIVIL DETAILS
C202	CIVIL DETAILS
C203	CIVIL DETAILS
C204	CIVIL DETAILS
C205	CIVIL DETAILS



Revisions:	1	2	3
Project Lead:	STEWART	21007	
Project:		04.15.2024	
Date:		RMC	
Drawn:		WAD	
Checked:			

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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**

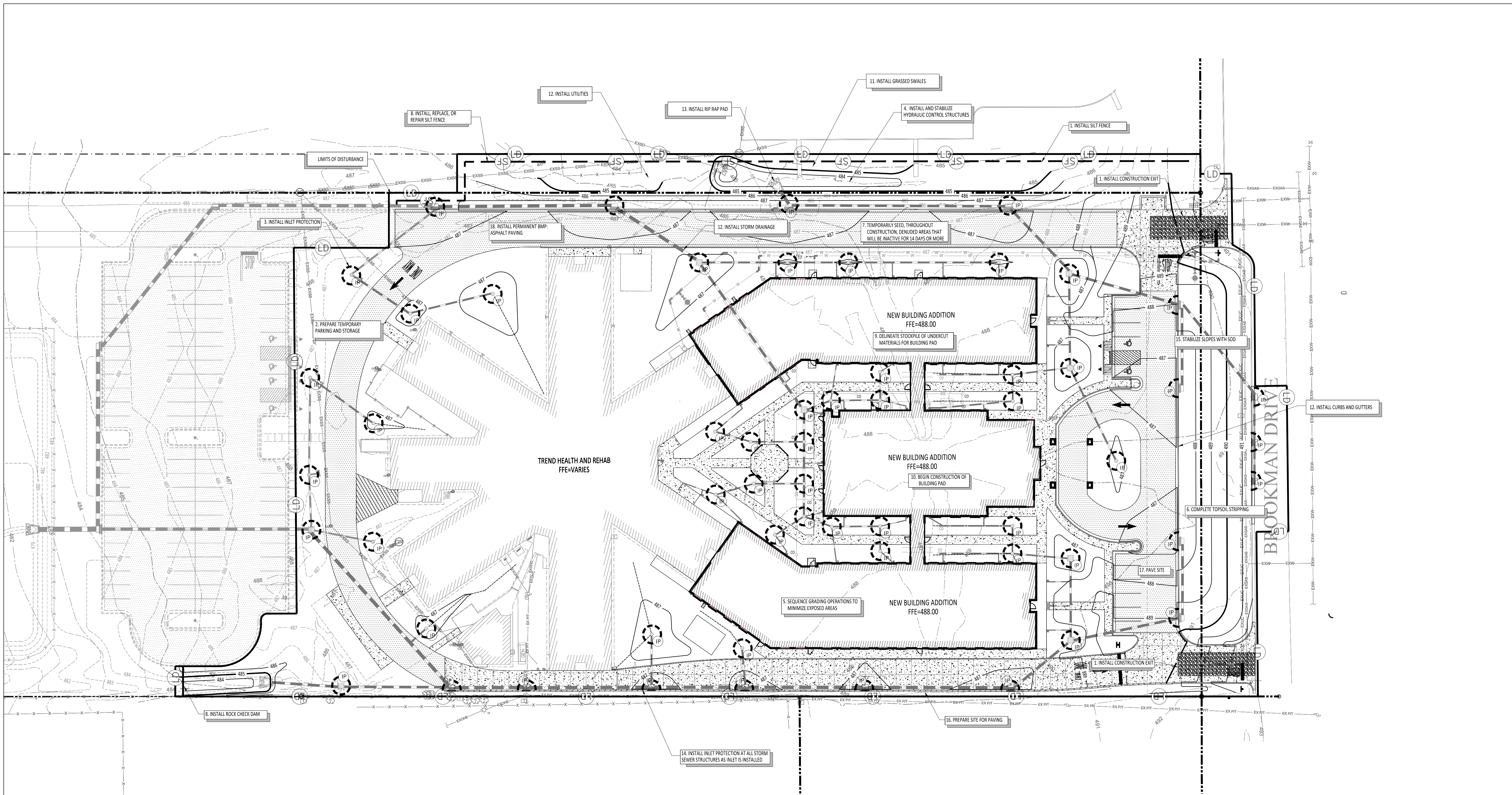
525 BROOKMAN DR,  
BROOKHAVEN, MS 39601



**CIVIL GENERAL NOTES**

**C001**





DEVELOPER/OWNER	
DEVELOPER/GENERAL CONTRACTOR	
SUPERINTENDENT	

ACREAGE SUMMARY	
TOTAL PROPERTY AREA	6.50 ACRES
ON-SITE DISTURBED AREA	4.37 ACRES
OFF-SITE DISTURBED AREA	0.58 ACRES
TOTAL DISTURBED AREA	4.95 ACRES

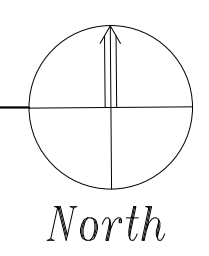
**SPECIFICATIONS REQUIREMENT:**  
THE REQUIREMENTS SHOWN ON THIS PLAN ARE SUPPLEMENTED BY THE SWPPP CONTAINED WITHIN THE PROJECT SPECIFICATIONS. IN CASE OF CONFLICTS BETWEEN THE PLANS, SWPPP SPECIFICATIONS AND THE ACTUAL GENERAL PERMIT, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.

**-CAUTION NOTICE TO CONTRACTOR-**  
IF PROPERLY IMPLEMENTED, THIS PLAN WILL PROVIDE AN EFFECTIVE MEANS FOR CONTROLLING EROSION. HOWEVER, IT IS ACKNOWLEDGED THAT NO ONE PLAN CAN BE PREPARED THAT WILL DEPICT ALL POSSIBLE MEASURES NECESSARY FOR VARIOUS STAGES OF CONSTRUCTION. THE CONTRACTOR SHALL INCLUDE IN THE BASE BID ADEQUATE FUNDS TO PROVIDE ALL EROSION CONTROL MEASURES NECESSARY TO COMPLY WITH CODES FOR THE DURATION OF THE CONSTRUCTION PROJECT.

**LIMITS OF DISTURBANCE**  
CONTRACTOR TO LIMIT DISTURBANCE OF SITE IN STRICT ACCORDANCE WITH THE EROSION CONTROL SEQUENCING SHOWN ON THIS PLAN. NO UNNECESSARY OR IMPROPERLY SEQUENCED CLEARING AND/OR GRADING SHALL BE PERMITTED.

- PHASE I EROSION CONTROL SEQUENCING**
1. INSTALL STABILIZED CONSTRUCTION EXIT(S), AND INSTALL SILT FENCE(S) ON THE SITE (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE).
  2. PREPARE TEMPORARY PARKING AND STORAGE AREA.
  3. INSTALL INLET PROTECTION AT EXISTING STORM STRUCTURES.
  4. INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (SWALES, CHECK DAMS, ETC.).
  5. SEQUENCE GRADING OPERATIONS TO MINIMIZE EXPOSED AREAS.
  6. COMPLETE TOPSOIL STRIPPING OF BUILDING AREA AND ADJACENT AREAS. STOCKPILE OR HAUL OFF TOPSOIL. STABILIZE TOPSOIL STOCKPILE WITH SILT FENCES AROUND THE TOE OF SLOPES AND SEED TOPSOIL STOCKPILE.
- PHASE II EROSION CONTROL SEQUENCING**
7. TEMPORARILY SEED, THROUGHOUT CONSTRUCTION, DENuded AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
  8. INSTALL, REPLACE, REPAIR, OR MAINTAIN PERIMETER SILT FENCE, CHECK DAMS, INLET PROTECTION, AND CONSTRUCTION EXIT AS NEEDED.
  9. DELINEATE STOCKPILE OF UNDERCUT MATERIALS FOR BUILDING PAD AND CONSTRUCT SILT FENCE AROUND STOCKPILE.
  10. BEGIN CONSTRUCTION OF BUILDING PAD.
  11. BEGIN CONSTRUCTION OF NEW GRASSED SWALES.
  12. INSTALL UTILITIES: STORM SEWERS, CURBS AND GUTTERS.
  13. INSTALL RIP RAP AROUND OUTLET STRUCTURES AS EACH OUTLET STRUCTURE IS INSTALLED.
  14. INSTALL INLET PROTECTION AT ALL STORM SEWER STRUCTURES AS EACH INLET STRUCTURE IS INSTALLED.
  15. AS SOON AS STRUCTURAL LIFTS ARE COMPLETE, SPREAD TOPSOIL ON FACE OF SLOPES AND ON AREAS TO RECEIVE GRASS. PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
  16. PREPARE SITE FOR PAVING.
  17. PAVE SITE.
  18. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.

**EROSION CONTROL PLAN**  
SCALE: 1"=30'-0"



- EROSION CONTROL LEGEND**
- 484 --- MINOR CONTOUR, EXISTING
  - 485 --- MAJOR CONTOUR, NEW
  - 484 --- MINOR CONTOUR, EXISTING
  - 485 --- MAJOR CONTOUR, NEW
  - LD --- LIMITS OF DISTURBANCE
  - SF --- SILT FENCE
  - IP --- STRAW WATTLE INLET PROTECTION
  - CE --- CONSTRUCTION EXIT
  - RR --- ROCK RIP RAP
  - PROPERTY LINE

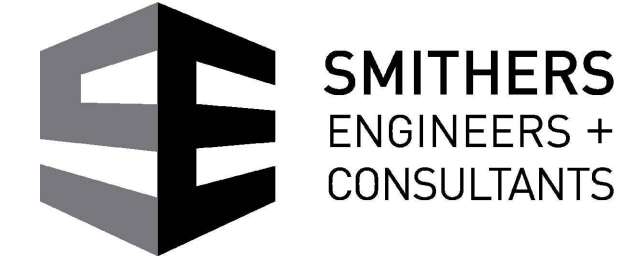
**100 YEAR FLOODPLAINS, FLOODWAY FRINGES, AND FLOODWAYS**  
THE PROJECT IS LOCATED IN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN)

**RECEIVING WATERS**  
THE MAJORITY OF THE SITE DRAINS TO THE WEST VIA UNDERGROUND STORM SEWER TO THE PROPOSED DETENTION POND, THE PROPOSED DETENTION DRAINS TO AN UNNAMED TRIBUTARY OF HALBERT BRANCH WHICH IS THE ULTIMATE RECEIVING WATER OF THE SITE. HALBERT BRANCH IS LOCATED APPROXIMATELY 0.83 MILES TO THE SOUTH OF THE SITE. HALBERT BRANCH IS NOT LISTED ON THE 2022 STATE OF MISSISSIPPI 303D LIST OF IMPAIRED WATERWAYS.

**SOIL TYPE**  
THERE ARE THREE SOIL TYPES FOR THE PROJECT LISTED ON THE USDA NRCS SOIL SURVEY. THESE SOILS ARE AS FOLLOWS:  
BU02 BUDE SILT LOAM ERODED  
BU03 BUDE SILT LOAM ERODED (PROVIDENCE)  
PR03 PROVIDENCE SILT LOAM SEVERELY ERODED

**Mississippi 811**  
protecting Mississippi's vital flow...one call at a time

**GRAPHIC SCALE**  
( IN FEET )  
1 inch = 30 ft.



**Revisions:**

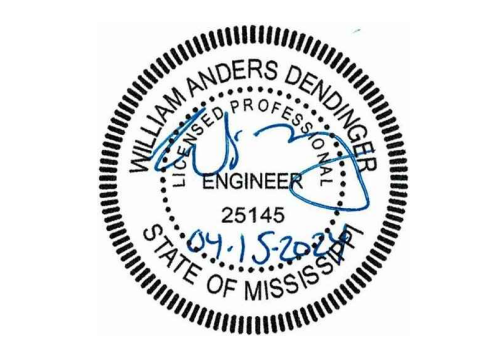
1	STEWART
2	21007
3	04.15.2024
	RMC
	WAD

**Project Lead:** STEWART  
**Project:** 21007  
**Date:** 04.15.2024  
**Drawn:** RMC  
**Checked:** WAD

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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**

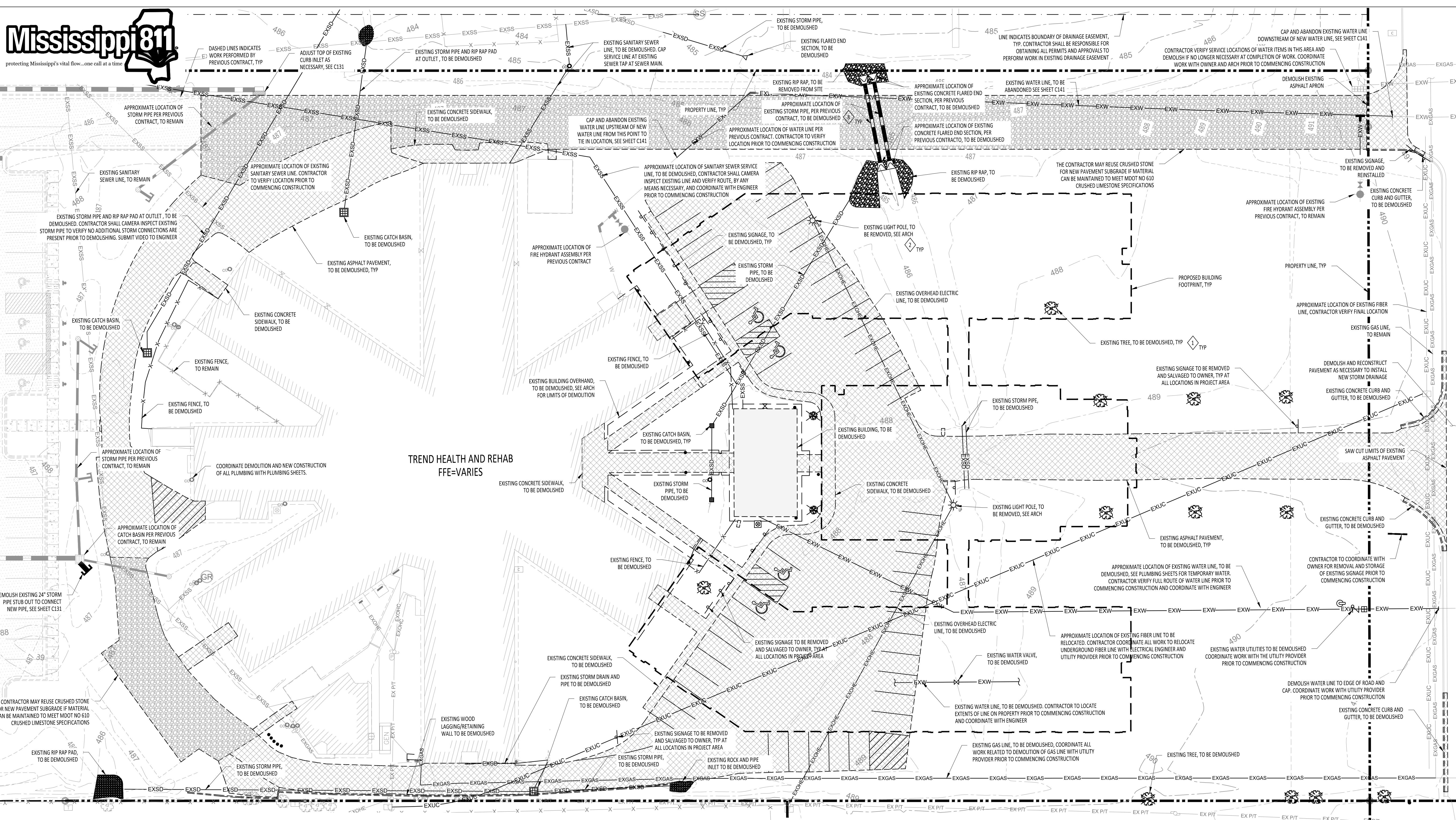
525 BROOKMAN DR,  
BROOKHAVEN, MS 39601



**EROSION CONTROL PLAN**

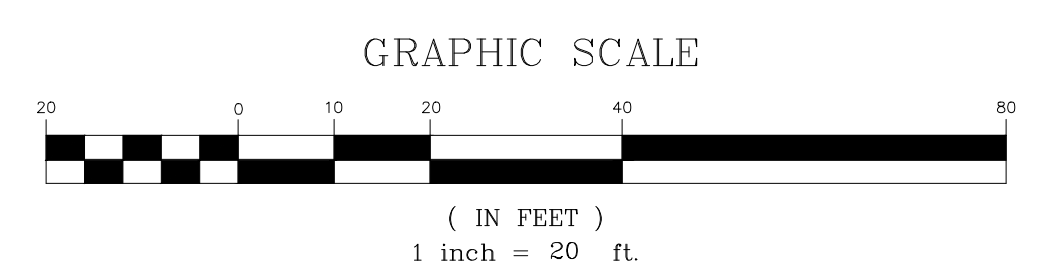
**C101**



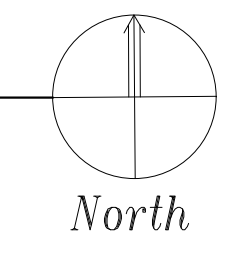


TREND HEALTH AND REHAB  
FFE=VARIES

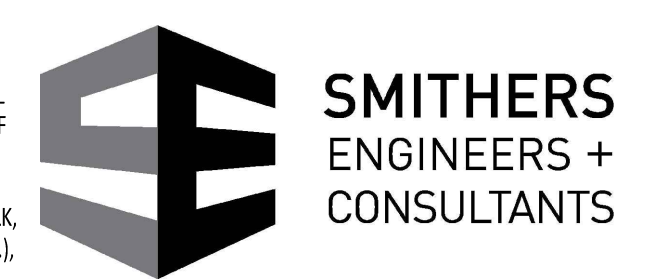
DEMOLITION PLAN LEGEND:	
484	MINOR CONTOUR, EXISTING
485	MAJOR CONTOUR, EXISTING
(Dashed line)	PROPERTY LINE
(Hatched area)	EXISTING SIDEWALK, TO BE DEMOLISHED
(Hatched area)	EXISTING BUILDING, TO BE DEMOLISHED
EXSD	EXISTING STORM PIPE, TO REMAIN
EXSD	EXISTING STORM PIPE, TO BE DEMOLISHED
EXW	EXISTING WATER LINE, EXISTING TO REMAIN
EXW	EXISTING WATER LINE, TO BE DEMOLISHED
EXSS	EXISTING SANITARY SEWER LINE, EXISTING TO REMAIN
EXOHE	EXISTING OVERHEAD POWER LINE, EXISTING TO BE DEMOLISHED
EXOHE	EXISTING OVERHEAD POWER LINE, EXISTING TO REMAIN
EXUE	EXISTING UNDERGROUND ELECTRIC LINE, TO REMAIN
EXUE	EXISTING UNDERGROUND ELECTRIC LINE, TO BE DEMOLISHED
EXGAS	EXISTING GAS LINE, TO REMAIN
EX PIT	EXISTING POWER/ TELEPHONE LINE, TO REMAIN
EXOHC	EXISTING OVERHEAD COMMUNICATIONS LINE, TO REMAIN
X-X-X-X	FENCE LINE, EXISTING TO REMAIN
X-X-X-X	FENCE LINE, EXISTING TO BE DEMOLISHED
(Tree symbol)	EXISTING TREE, TO REMAIN
(Tree symbol)	EXISTING TREE, TO BE REMOVED
SS	EXISTING SANITARY SEWER MANHOLE
G	EXISTING HOSE BIB
(Circle with X)	EXISTING UTILITY COMPANY POWER POLE, TO REMAIN
(Circle with X)	EXISTING WATER VALVE, TO REMAIN
(Circle with X)	EXISTING FIRE HYDRANT, TO REMAIN
(Circle with X)	EXISTING FIRE HYDRANT, TO BE DEMOLISHED
(Circle with X)	EXISTING LIGHT POLE, TO REMAIN
(Circle with X)	EXISTING LIGHT POLE, TO BE DEMOLISHED
(Circle with X)	EXISTING CATCH BASIN, TO REMAIN
(Circle with X)	EXISTING CATCH BASIN, TO BE DEMOLISHED
(Circle with X)	EXISTING FIRE DEPARTMENT CONNECTION, TO REMAIN
(Circle with X)	EXISTING CLEANOUT, TO REMAIN



DEMOLITION PLAN  
SCALE: 1"=20'-0"



- DEMOLITION NOTES:
- EXISTING TREE AND SHRUBS WITHIN PROJECT AREA THAT ARE NOT TO REMAIN SHALL BE REMOVED AND DISPOSED OFFSITE. TREE STUMPS SHALL BE REMOVED IN THEIR ENTIRETY. GRINDING OF STUMPS IS NOT ALLOWED.
  - LIGHT POLE AND BASE TO BE REMOVED. CONTRACTOR SHALL REFERENCE ELECTRICAL SHEETS, THIS SET, FOR FINAL LIGHT POLE LOCATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE OWNER AND ARCHITECT FOR STORAGE OF LIGHT POLES IF NOTED TO BE REUSED BY ELECTRICAL CONTRACTOR TO STORE LIGHT POLE FOR RELOCATION AFTER FINISH GRADES ARE COMPLETE IF THEY ARE TO BE REUSED.
  - CONTRACTOR MUST USE CAUTION DURING DEMOLITION, PARTICULARLY IN AREAS TO RECEIVE CONCRETE OR ASPHALT DEMOLITION. ANY UTILITY, STRUCTURES, OR OTHER ITEMS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
  - THE CONTRACTOR SHALL KEEP ALL UTILITIES OPERATIONAL THROUGHOUT THE ENTIRETY OF THE PROJECT. ANY INTERRUPTION IN UTILITY SERVICE SHALL BE COORDINATED WITH THE OWNER AND AUTHORITIES HAVING JURISDICTION PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO PHASE CONSTRUCTION ACTIVITIES TO PROVIDE POSITIVE STORM WATER RUNOFF AT ALL TIMES. SEE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PLAN FOR ADDITIONAL INFORMATION ON EROSION CONTROL MEASURES REQUIRED.
  - CONTRACTOR SHALL REFERENCE SITE, GRADING, AND UTILITY PLANS TO COORDINATE PAVEMENT AND UTILITY DEMOLITION AND CONNECTION TO PROPOSED UTILITIES, PAVEMENT, ETC. PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
  - THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT AND ELECTRICAL ENGINEER FOR ALL ELECTRIC AND UNDERGROUND CABLE DEMOLITION AND/OR RELOCATION.
  - EXISTING PIPE TO BE REMOVED SHALL BE REMOVED IN ITS ENTIRETY.
  - IN ALL AREAS WHERE THE CONTRACTOR MUST CROSS THE EXISTING PAVEMENT, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR THE PAVEMENT WITH A HEAVY DUTY PAVING SECTION. THE CONTRACTOR SHALL INCLUDE THE COST TO PERFORM THE PAVEMENT REPAIRS IN HIS BASE BID IF DEEMED NECESSARY.
  - IF THE CONTRACTOR MUST CROSS AN EXISTING ITEM (PAVEMENT, SIDEWALK, ETC.) TO INSTALL A NEW IMPROVEMENT (UTILITIES, STORM DRAINAGE, ETC.), THE CONTRACTOR SHALL INCLUDE IN HIS BASE BID, ALL COST REQUIRED TO REPLACE TIE EXISTING ITEM IMPACTED BY CONSTRUCTION.

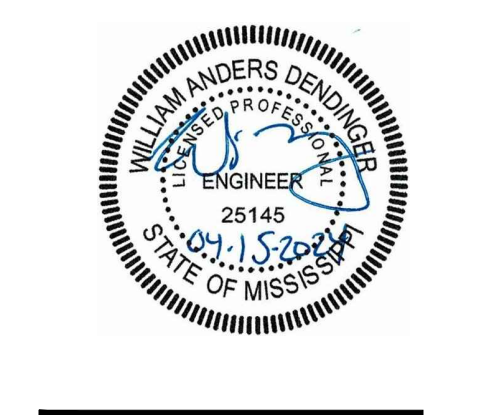


Revisions:

1	2	3
STEWART	21007	04.15.2024
Project Lead:	Project:	Date:
RMC	WAD	Checked:
Drawn:		

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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR., BROOKHAVEN, MS 39601





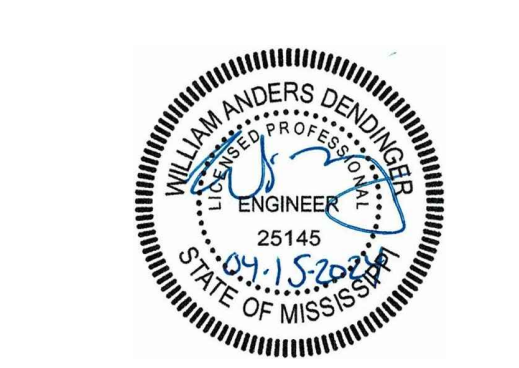
Revisions:

1	STEWART
2	21007
3	04.15.2024
	RMC
	WAD

Project Lead: STEWART  
 Project: 21007  
 Date: 04.15.2024  
 Drawn: RMC  
 Checked: WAD

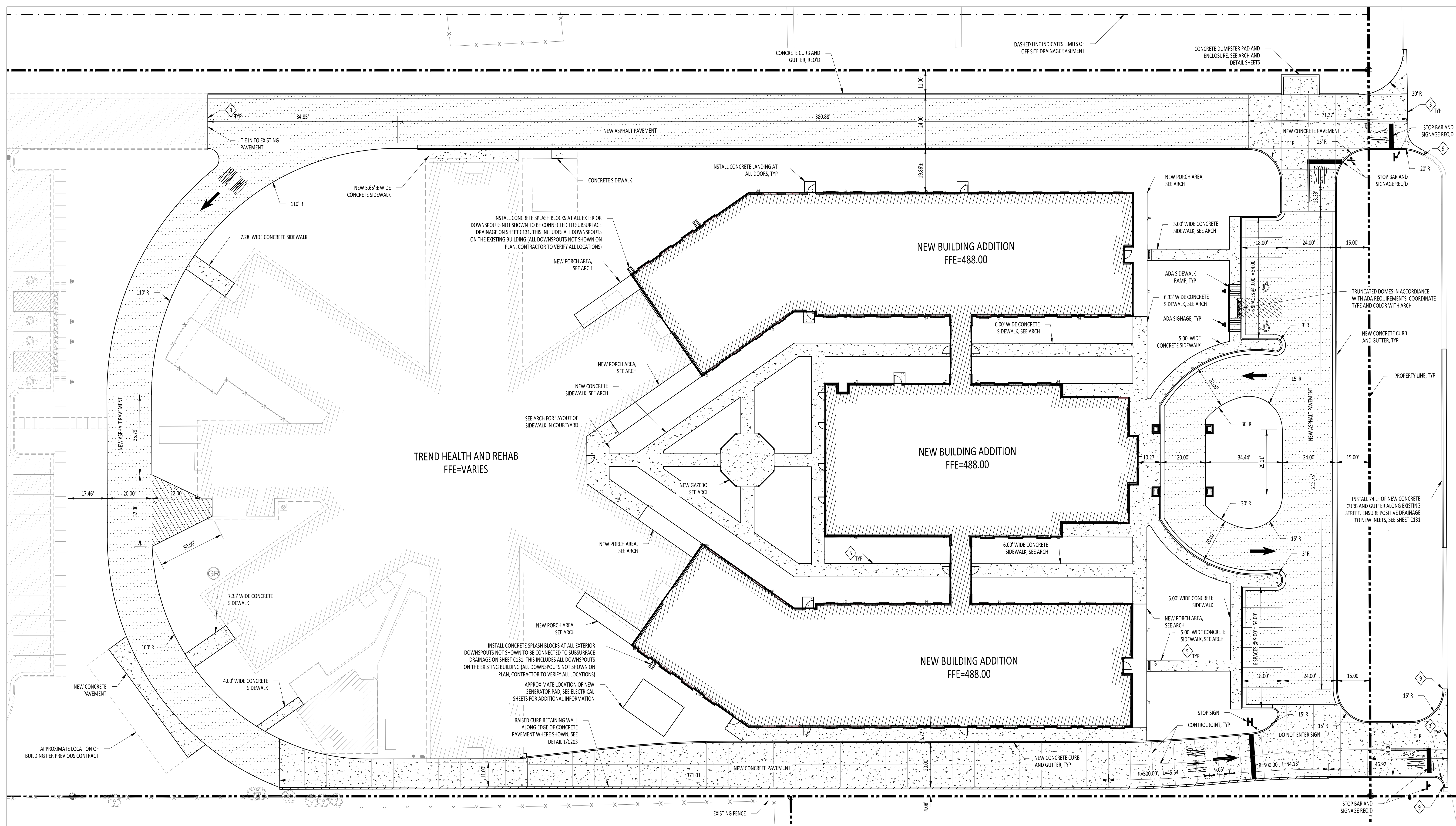
**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**

525 BROOKMAN DR.,  
 BROOKHAVEN, MS 39601



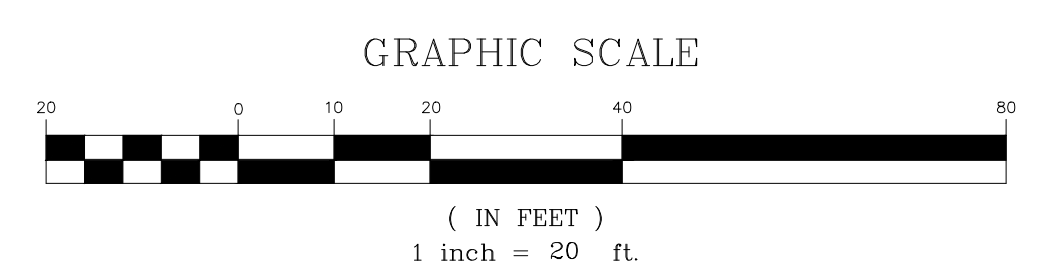
**SMITHERS ENGINEERS + CONSULTANTS**

**C121**



- SITE PLAN NOTES:**
- ALL DIMENSIONS SHALL BE TO FACE OF CURB UNLESS NOTED OTHERWISE.
  - ALL CURBS SHALL BE CONCRETE CURB AND GUTTER UNLESS NOTED OTHERWISE. SEE DETAIL SHEET FOR ADDITIONAL INFORMATION.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED PAVING AREAS.
  - HANDICAP PARKING AND ACCESS RAMPS SHALL MEET CITY OF BROOKHAVEN AND CURRENT ADA STANDARDS.
  - SEE ARCH FOR SIDEWALK CONSTRUCTION DIMENSIONS AND CONCRETE JOINT REQUIREMENTS. SIDEWALKS SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY.
  - PARKING LOT STRIPES SHALL BE 4" WIDE WHITE WATERBORNE PAINT MEETING SPECIFICATION TTP-1952B. HANDICAP PARKING STRIPING SHALL MEET CITY OF BROOKHAVEN AND ADA CODE REQUIREMENTS. ALL PAVEMENT MARKINGS AND STRIPING SHALL BE PAINTED USING 2 COATS OF PAINT.
  - ALL PAINTED PAVEMENT MARKINGS SUCH AS DIRECTIONAL ARROWS AND LETTERING SHALL BE PAINTED USING TEMPLATES.

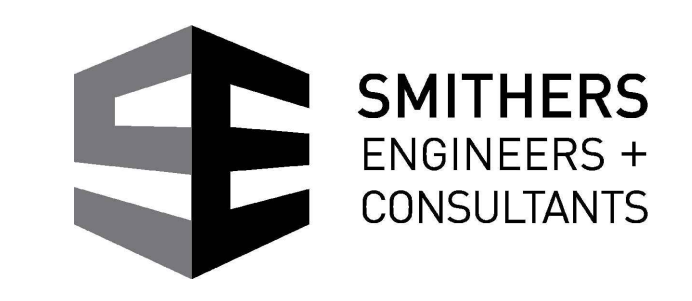
- CONTRACTOR SHALL COMPLY TO ALL APPLICABLE LOCAL AND STATE CODES
- CONTRACTOR SHALL TIE-IN PROPOSED CURB AND GUTTER TO EXISTING. MATCH THE EXISTING CURB AND GUTTER SIZE AND TYPE AT TIE-IN.
- ISOLATION JOINT TYPICAL AT FIXED STRUCTURES (BUILDING, RETAINING WALLS, DRAINAGE STRUCTURES, MANHOLES, LIGHT POLE BASES, BOLLARDS, ETC). SEE DETAIL SHEET FOR ADDITIONAL INFORMATION.
- SEE DETAIL SHEET FOR CONCRETE JOINT REQUIREMENTS.
- CONCRETE LANDING AREAS SHALL BE CONSTRUCTED WITH A 10" THICK EDGE ON ALL SIDES.
- ALL SIGNAGE AND PAVEMENT MARKINGS SHALL MEET CITY OF BROOKHAVEN STANDARDS.
- CONTRACTOR SHALL TRANSITION CURB FROM FLUSH WITH PAVEMENT TO 6" OVER 5'.
- TRAFFIC SIGN NUMBERS REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.



**SITE PLAN**  
 SCALE: 1"=20'-0"

North

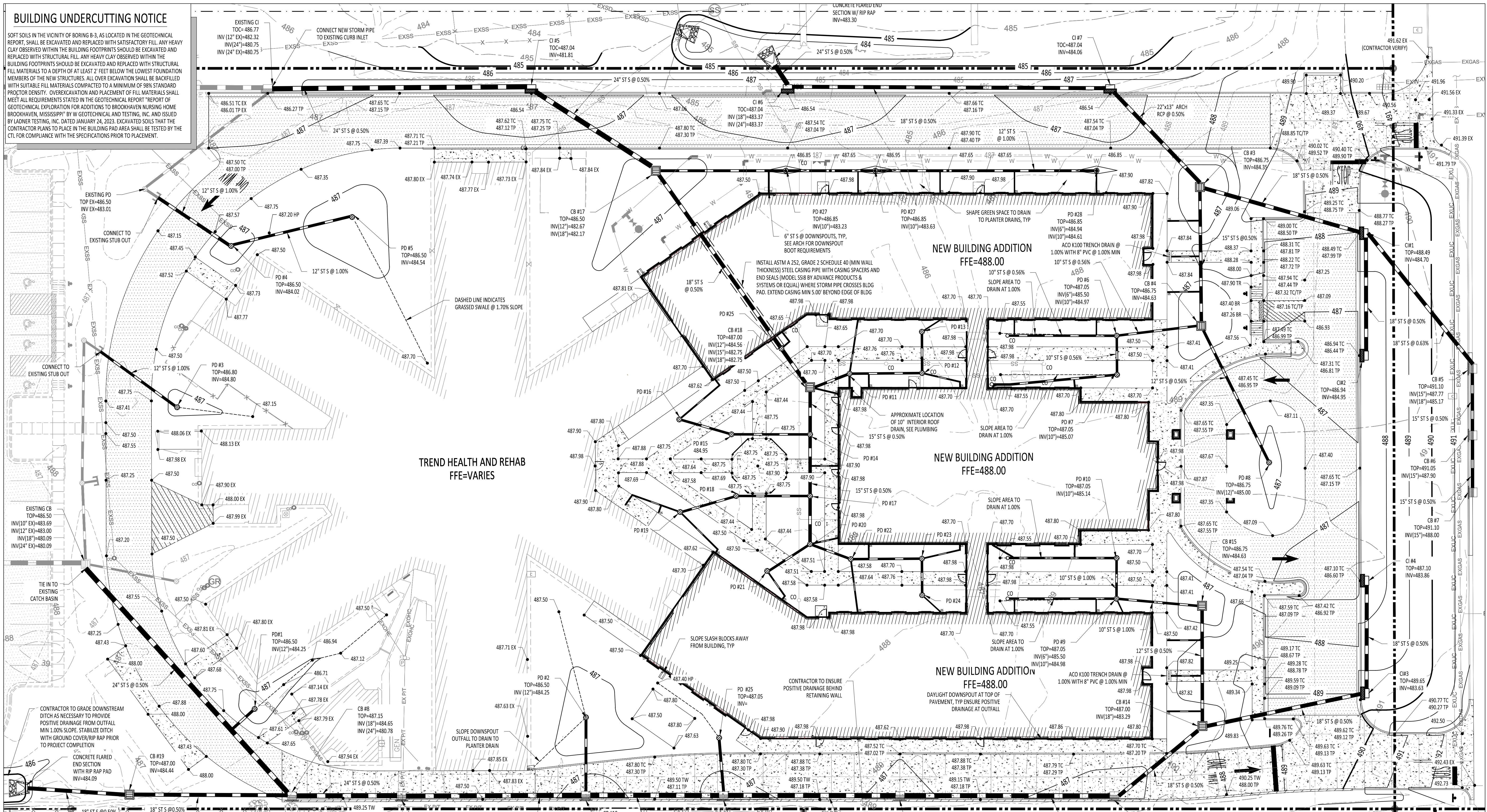
- SITE PLAN LEGEND:**
- PROPERTY LINE
  - NEW CONCRETE SIDEWALK/PAVEMENT
  - NEW ASPHALT PAVEMENT
  - EXISTING FENCE
  - EXISTING TREE
  - EXISTING LIGHT POLE





**BUILDING UNDERCUTTING NOTICE**

SOFT SOILS IN THE VICINITY OF BORING B-3, AS LOCATED IN THE GEOTECHNICAL REPORT, SHALL BE EXCAVATED AND REPLACED WITH SATISFACTORY FILL. ANY HEAVY CLAY OBSERVED WITHIN THE BUILDING FOOTPRINTS SHOULD BE EXCAVATED AND REPLACED WITH STRUCTURAL FILL. ANY HEAVY CLAY OBSERVED WITHIN THE BUILDING FOOTPRINTS SHOULD BE EXCAVATED AND REPLACED WITH STRUCTURAL FILL MATERIALS TO A DEPTH OF AT LEAST 2 FEET BELOW THE LOWEST FOUNDATION MEMBERS OF THE NEW STRUCTURES. ALL OVER EXCAVATION SHALL BE BACKFILLED WITH SUITABLE FILL MATERIALS COMPACTED TO A MINIMUM OF 98% STANDARD PROCTOR DENSITY. OVEREXCAVATION AND PLACEMENT OF FILL MATERIALS SHALL MEET ALL REQUIREMENTS STATED IN THE GEOTECHNICAL REPORT. REPORT OF GEOTECHNICAL EXPLORATION FOR ADDITIONS TO BROOKHAVEN NURSING HOME BROOKHAVEN, MISSISSIPPI BY GEOTECHNICAL AND TESTING, INC. AND ISSUED BY LADNER TESTING, INC. DATED JANUARY 24, 2023. EXCAVATED SOILS THAT THE CONTRACTOR PLANS TO PLACE IN THE BUILDING PAD AREA SHALL BE TESTED BY THE CTL FOR COMPLIANCE WITH THE SPECIFICATIONS PRIOR TO PLACEMENT.



- 1 CONTRACTOR SHALL GRADE AREA AROUND NEW CATCH BASINS TO ENSURE POSITIVE STORM WATER DISCHARGE FROM THE DRAINAGE AREA UPSTREAM OF THE CATCH BASIN.
- 2 ALL STORM SEWER (ST S) PIPE 12" DIAMETER AND LARGER SHALL BE CORRUGATED POLYPROPYLENE (HP STORM), UNLESS NOTED OTHERWISE. ALL STORM PIPE NOTED AS 10" DIAMETER AND LESS SHALL BE SDR 26 PVC MIN. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 3 ALL ADA ROUTES SHALL MEET CITY OF BROOKHAVEN AND ADA CODE REQUIREMENTS. LONGITUDINAL SLOPE ON ALL ADA ROUTES SHALL NOT EXCEED 1:20. TRANSVERSE SLOPES ON ALL ADA ROUTES SHALL NOT EXCEED 1:50.
- 4 ELEVATION OF NEW EDGE OF PAVEMENT SHALL MATCH EXISTING.
- 5 EXISTING SLOPES GREATER THAN 6:1 SHALL BE BENCHED PRIOR TO PLACING FILL.
- 6 CONTRACTOR SHALL REFERENCE MEP SHEETS, THIS SET, FOR ADDITIONAL INFORMATION ON INSTALLATION AND CONNECTION OF ROOF DRAINS AND RAIN LEADERS.
- 7 CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY INSPECTIONS, APPROVALS AND/OR CERTIFICATIONS REQUIRED BY CODES AND AUTHORITIES.
- 8 CURB INLETS (CI) SHALL BE MOOT TYPE S5-2. CATCH BASINS (CB) SHALL BE MOOT TYPE S5-3 WITH EAST JORDAN IRON WORKS V-5726 GRATES OR APPROVED EQUAL. CB#S - CB#13 SHALL BE COMBINATION INLETS. SEE DETAIL SHEETS. PLANTER DRAINS (PD) SHALL BE INVOLVED AFTER THE INVOLVED DETAIL ON THE DETAIL SHEET. REFER TO DETAIL SHEETS FOR ADDITIONAL INFORMATION. DRAINAGE STRUCTURE, SIZE AND PIPE CONNECTION SHALL BE SIZED TO ACCOUNT FOR SKEW OF PIPE.
- 9 CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AS SHOWN ON THIS SHEET. ANY WATER TRAPS WILL REQUIRE REMOVING AND REPLACING BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 10 THE CONTRACTOR SHALL CLOSELY FOLLOW COMPACTION REQUIREMENTS FOR OPEN TRENCHES AS DESCRIBED IN THE PROJECT SPECIFICATIONS. COMPACTION TESTING REQUIREMENTS AND REPORTS SHALL BE PROVIDED TO THE OWNER AS NOTED IN THE SPECIFICATIONS.
- 11 EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE PLANS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE THE UNDERGROUND UTILITY LINES FIELD VERIFIED PRIOR TO CONSTRUCTION. IF PROPOSED UTILITIES ARE FOUND IN CONFLICT WITH EXISTING UTILITIES, THE ENGINEER SHALL BE NOTIFIED AND THE PROPOSED UTILITIES SHALL BE INSTALLED IN A DESIGNATED LOCATION TO AVOID CONFLICT.
- 12 TWO 45° FITTINGS SHALL BE INSTALLED WHERE STORM PIPES CONNECT AT 90° CLEANOUTS, WHERE SHOWN, SHALL BE INSTALLED AT THE DOWNSTREAM 45° FITTING.
- 13 CONTRACTOR SHALL REFERENCE LADNER TESTING, INC. GEOTECHNICAL REPORT "ADDITIONS TO BROOKHAVEN NURSING HOME BROOKHAVEN, MISSISSIPPI" DATED OCTOBER 20, 2022 FOR ALL SUBGRADE PREPARATION AND PAVEMENT CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCY BETWEEN THE GEOTECHNICAL REPORT AND CONSTRUCTION DOCUMENTS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

**PLANTER DRAIN SCHEDULE**

TABEL	TOP ELEVATION	INVERT
PD #11	487.25	INV (12")=484.71 INV (6")=485.50
PD #12	487.25	INV (10")=485.01
PD #13	487.25	INV (10")=485.17 INV (6")=485.50
PD #14	487.25	INV(15")=482.84 INV(10")=484.63
PD #15	487.25	INV(10")=484.95
PD #16	487.25	INV(10")=485.17
PD #17	487.25	INV(15")=482.96 INV(10")=484.63
PD #18	487.25	INV(10")=484.95
PD #19	487.25	INV(10")=485.17
PD #20	487.25	INV(15")=483.05 INV(10")=484.63
PD #21	487.25	INV(10")=485.17
PD #22	487.25	INV(10")=484.71 INV(6")=485.50
PD #23	487.25	INV(10")=485.01
PD #24	487.25	INV(10")=485.17 INV(6")=485.50
PD #25	487.25	INV(18")=482.66

**GRADING PLAN LEGEND:**

— 484 —	MINOR CONTOUR, NEW	— EXSS —	EXISTING SANITARY SEWER LINE	XXX.XX TC	TOP OF CURB ELEVATION
— 485 —	MAJOR CONTOUR, NEW	— EXOHE —	EXISTING OVERHEAD POWER LINE	XXX.XX TW	TOP OF WALL ELEVATION
- - - 484 - - -	MINOR CONTOUR, EXISTING	— EXOHE —	EXISTING OVERHEAD POWER LINE	XXX.XX TR	TOP OF RAMP ELEVATION
- - - 485 - - -	MAJOR CONTOUR, EXISTING	— EXUE —	EXISTING UNDERGROUND ELECTRIC LINE	XXX.XX BR	BOTTOM OF RAMP ELEVATION
— — — — —	PROPERTY LINE	— EXGAS —	EXISTING GAS LINE		
— — — — —	NEW STORM PIPE	— EX PIT —	EXISTING POWER/ TELEPHONE LINE		
— — — — —	NEW CATCH BASIN	— EXOHC —	EXISTING OVERHEAD COMMUNICATIONS LINE		
— — — — —	NEW CURB INLET		EXISTING TREE		
— — — — —	NEW PLANTER DRAIN		EXISTING SANITARY SEWER MANHOLE		
— — — — —	EXISTING FENCE		EXISTING HOSE BIB		
— — — — —	EXISTING STORM PIPE		EXISTING UTILITY COMPANY POWER POLE, TO REMAIN		
— — — — —	EXISTING WATER LINE				

**Mississippi 811**  
protecting Mississippi's vital flow...one call at a time

**GRAPHIC SCALE**  
1 inch = 20' 0"

**GRADING PLAN**  
SCALE: 1"=20'-0"

North

**SMITHERS ENGINEERS + CONSULTANTS**

**GRADING PLAN**

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FOR PRINT SCALE VERIFICATION THE TITLEBLOCK OPENING IS 23" X 32.5"

**JH&H**  
ARCHITECTS | PLANNERS | INTERIORS | PA  
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**Revisions:**

NO.	DATE	BY	DESCRIPTION
1		STEWART	
2	21007		
3	04.15.2024	RMC	

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Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: RMC  
Checked: WAD

**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**

525 BROOKMAN DR.,  
BROOKHAVEN, MS 39601

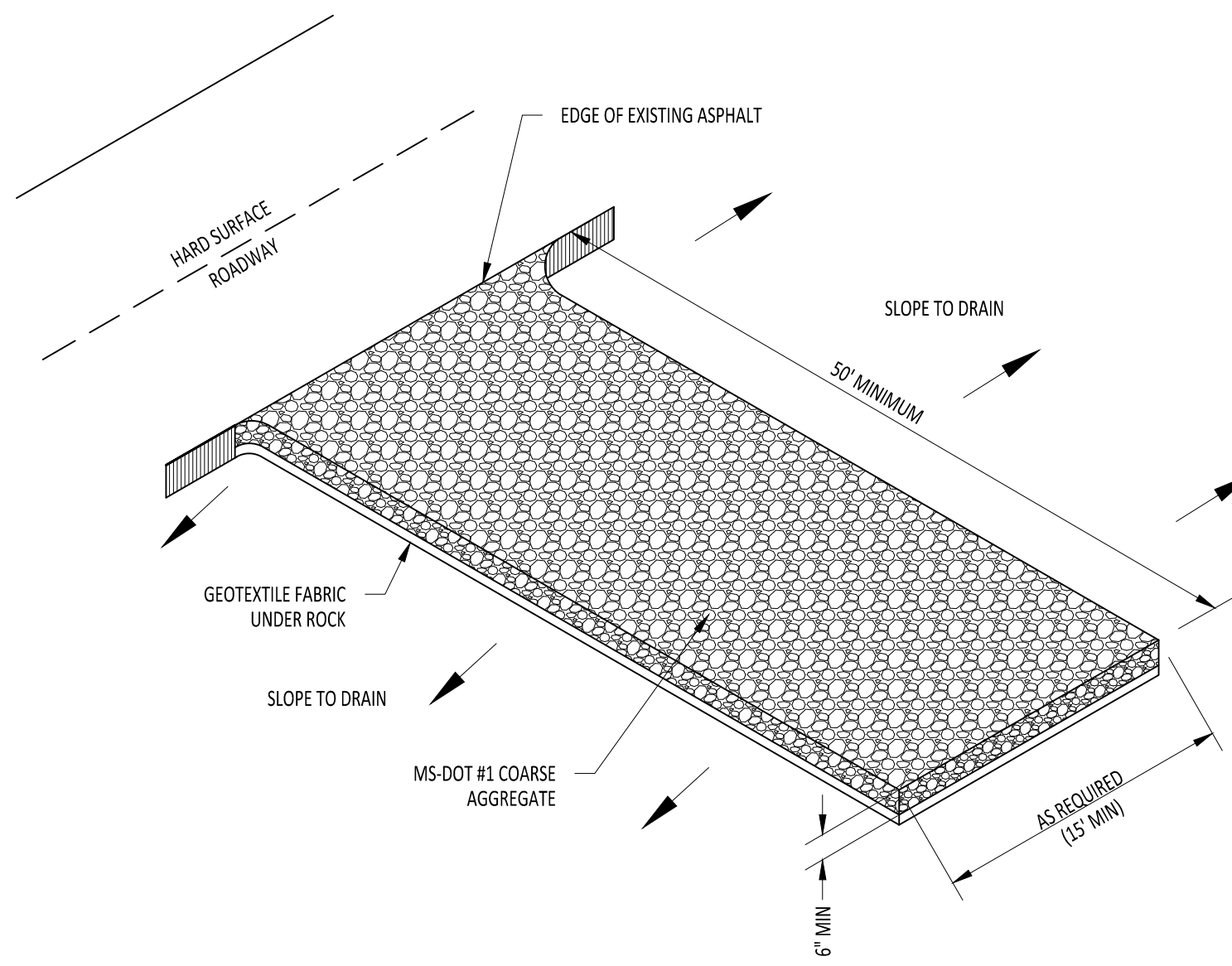
**C131**

MISSISSIPPI ENGINEERS & ARCHITECTS  
25145  
2013 STATE  
STATE OF MISSISSIPPI

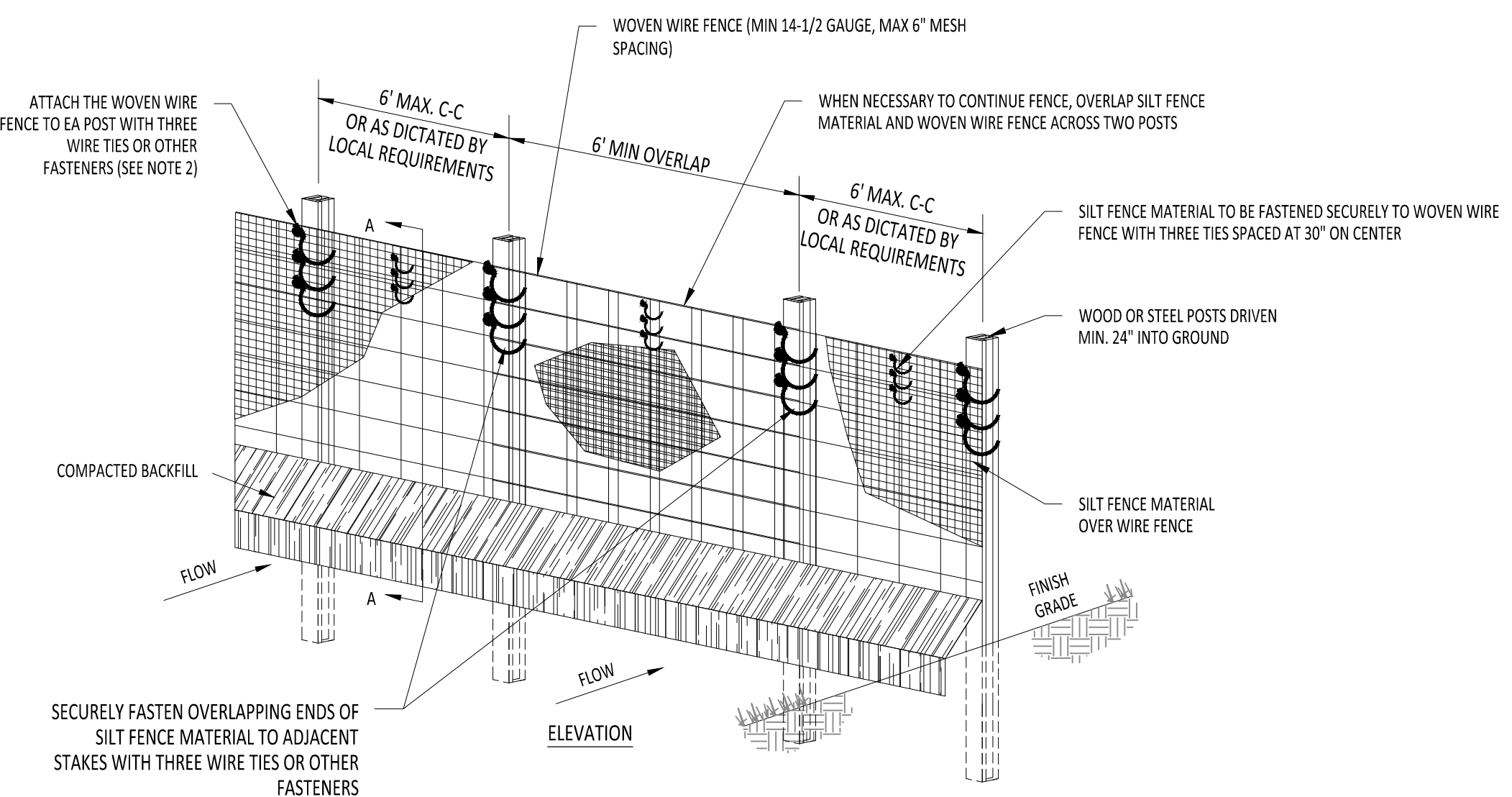
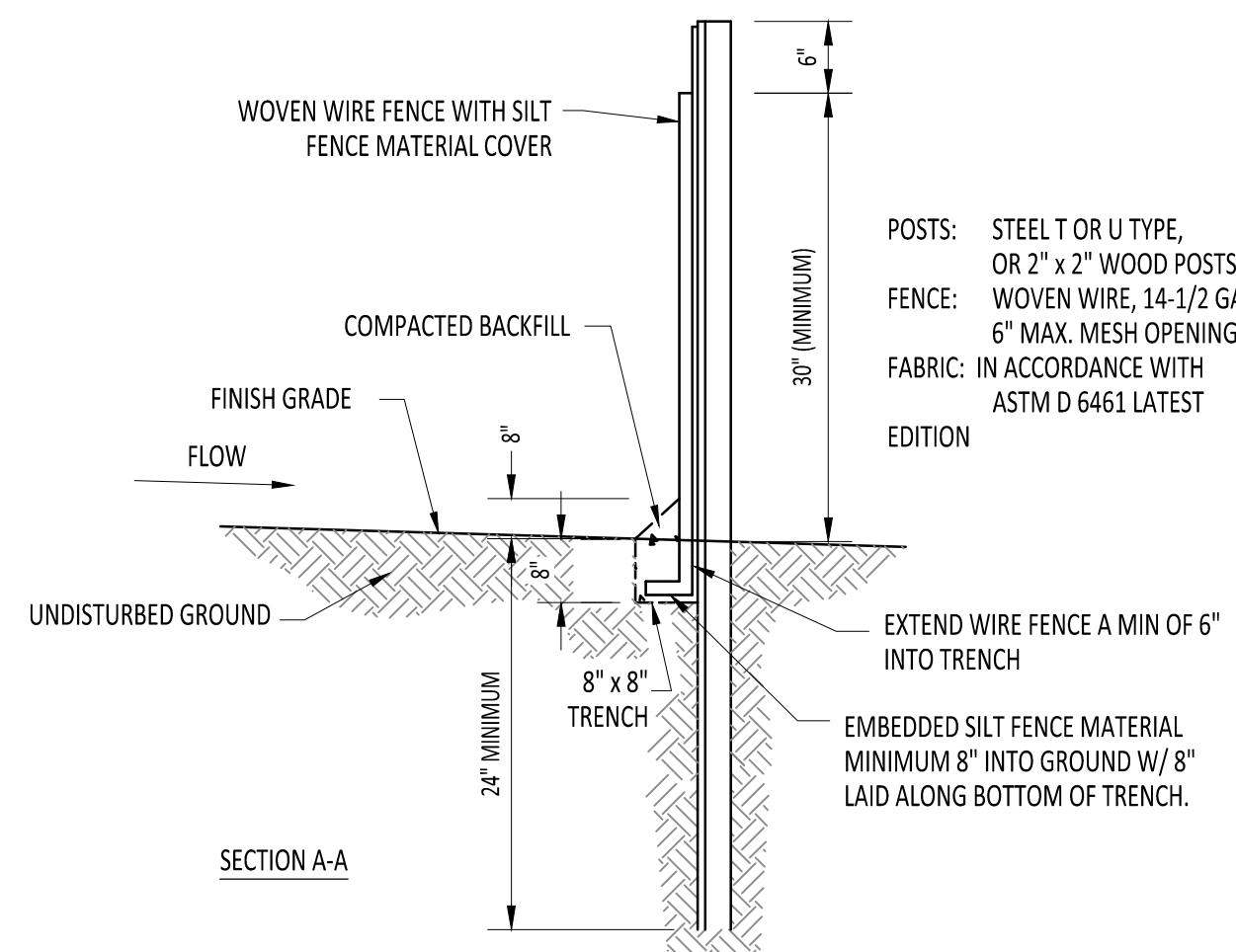








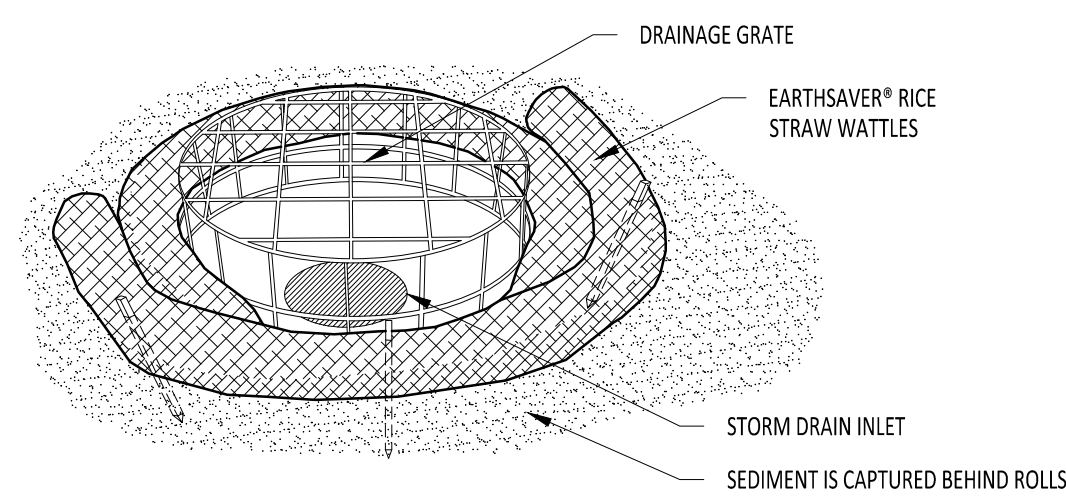
- NOTES:
1. THE AREA OF THE CONSTRUCTION EXIT SHALL BE EXCAVATED 6 INCHES DEEP, 50 FEET LONG AND SHALL EXTEND THE FULL WIDTH OF ANY VEHICULAR INGRESS AND EGRESS (MINIMUM 15 FEET) LOCATED ON THE SITE.
  2. THE EXIT SHALL BE PROPERLY MAINTAINED FOR THE DURATION OF THE PROJECT TO PREVENT THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL MAINTENANCE AND REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
  3. THE EXIT SHALL BE CHECKED ON A DAILY BASIS AND BEFORE AND AFTER ANY RAINFALL EVENT FOR ANY DAMAGES. ANY DAMAGES FOUND SHALL BE REMEDIATED BEFORE THE DAYS END AT NO ADDITIONAL COST TO THE OWNER.
  4. THE EXIT SHALL BE PROPERLY GRADED TO PREVENT THE FLOW OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS SHALL BE REMOVED IMMEDIATELY.
  5. CONSTRUCTION EQUIPMENT WHEELS MUST BE CLEANED TO REMOVE MUD PRIOR TO EGRESS FROM PROJECT SITE AND ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
  6. MEASURES SHALL BE TAKEN TO PREVENT VEHICULAR TRAFFIC FROM BYPASSING THE CONSTRUCTION EXIT DURING INGRESS AND EGRESS.
  7. REMOVE TEMPORARY CONSTRUCTION EXIT AFTER FINAL PROJECT APPROVAL BY ARCHITECT. AREA SHALL BE GRADED AND SODDED.



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ASTM D 6462 LATEST EDITION.
  2. ATTACH THE WOVEN WIRE FENCE TO EACH POST AND THE GEOTEXTILE TO THE WOVEN WIRE FENCE (SPACED EVERY 30") WITH THREE WIRE TIES OR OTHER FASTENERS, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45 DEGREES THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART. ALSO, EACH TIE PLACED ON A POST SHOULD BE POSITIONED TO HANG ON A POST NIPPLE WHEN TIGHTENED TO PREVENT SAGGING.
  3. WHEN TWO SECTIONS OF SILT FENCE MATERIAL ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED A MINIMUM OF 72" ACROSS TWO POSTS, AS SHOWN.
  4. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE SPECIFICATIONS. DEPTH OF ACCUMULATED SEDIMENTS MAY NOT EXCEED ONE-THIRD THE HEIGHT OF THE FENCE. MAINTENANCE CLEANOUT MUST BE CONDUCTED REGULARLY TO PREVENT ACCUMULATED SEDIMENTS FROM REACHING ONE-HALF THE HEIGHT OF THE SILT FENCE MATERIAL ABOVE GRADE.
  5. ALL SILT FENCE SHALL INCLUDE WIRE SUPPORT.
  6. WRAP APPROXIMATELY 6" OF FABRIC AROUND THE END POSTS AND SECURE WITH 3 TIES.
  7. COMPACT THE SOIL IMMEDIATELY NEXT TO THE SILT FENCE FABRIC WITH THE FRONT WHEEL OF THE TRACTOR, SKID STEER, OR ROLLER EXERTING AT LEAST 60 POUNDS PER SQ. INCH. COMPACT THE UPSTREAM SIDE FIRST. COMPACT EACH SIDE TWICE FOR A TOTAL OF FOUR TRIPS.
  8. ADD POST CAPS AS NEEDED BASED ON SITE CONDITIONS AND APPLICABLE AGENCY REQUIREMENTS.

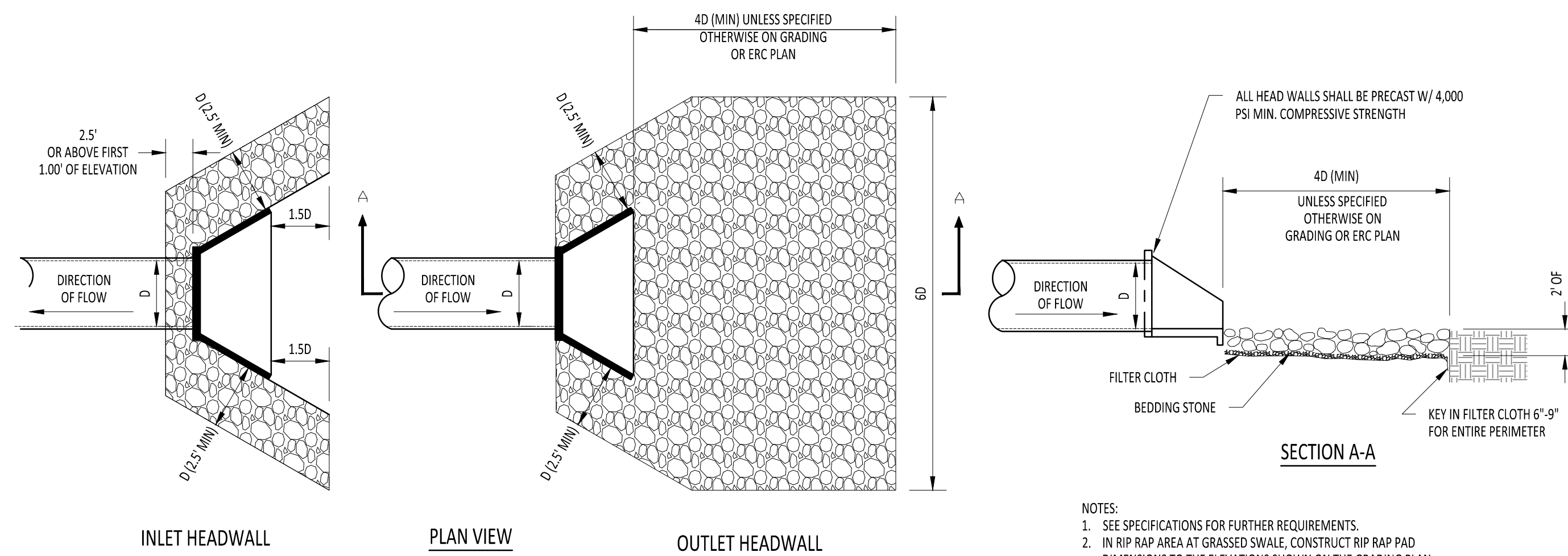
1  
C201 TEMPORARY CONSTRUCTION EXIT  
SCALE: NOT TO SCALE

2  
C201 SEDIMENTATION/SILT FENCE WITH WIRE SUPPORT  
SCALE: NOT TO SCALE



- NOTES:
1. INSTALLATION TO BE COMPLETED WITH MANUFACTURER'S SPECIFICATIONS.
  2. DO NOT SCALE DRAWINGS.
  3. FIBER ROLLS SHOULD BE INSPECTED AFTER EVERY SIGNIFICANT STORM EVENT TO CLEAR AND DISPOSE OF SEDIMENT AND DEBRIS.

3  
C201 STRAW WATTLES AT STRUCTURE  
SCALE: NOT TO SCALE



- NOTES:
1. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.
  2. IN RIP RAP AREA AT GRASSED SWALE, CONSTRUCT RIP RAP PAD DIMENSIONS TO THE ELEVATIONS SHOWN ON THE GRADING PLAN.

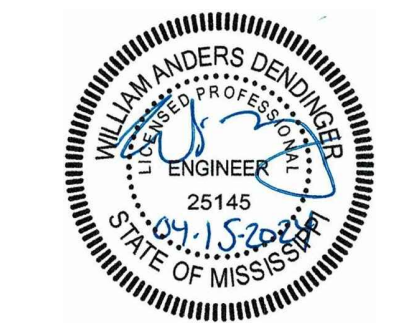
4  
C201 RIP-RAP PAD  
SCALE: NOT TO SCALE

Revisions:

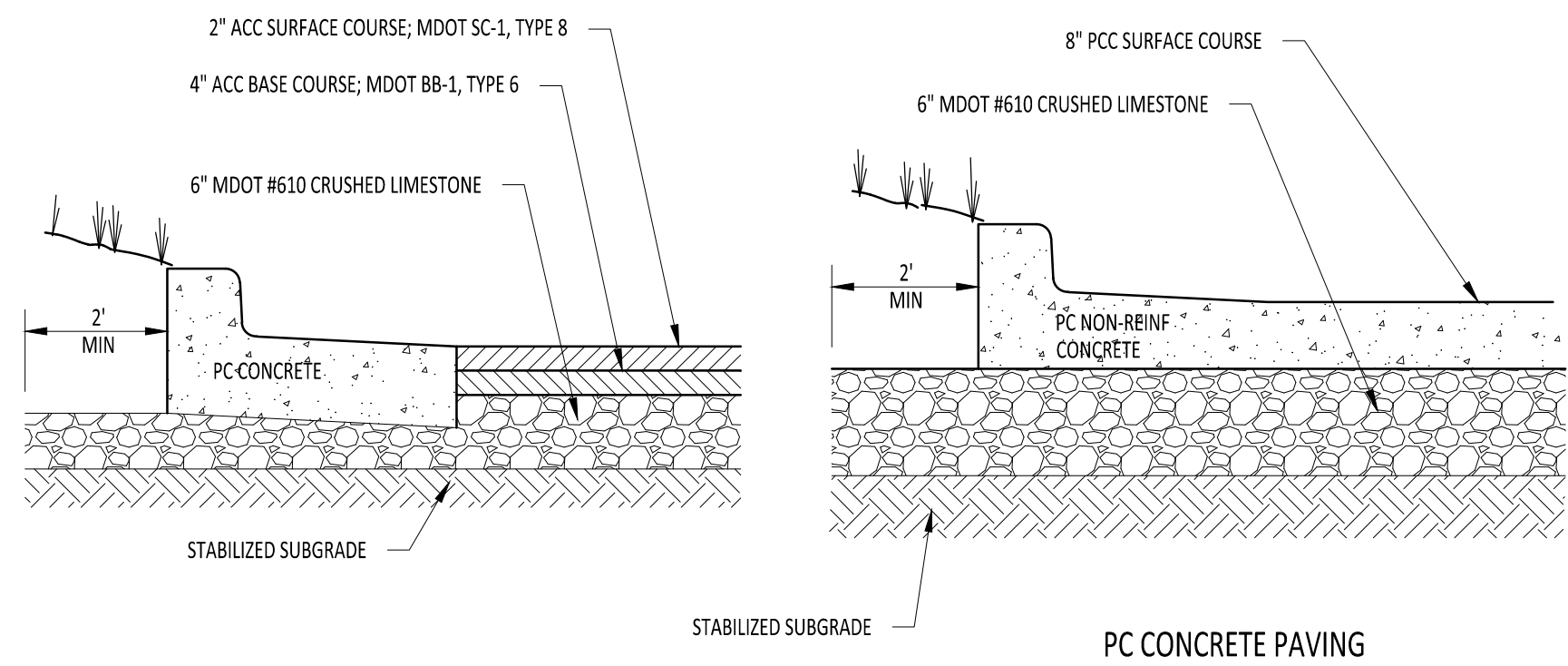
1	STEWART
2	21007
3	04.15.2024
	RMC
	WAD

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Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: RMC  
Checked: WAD





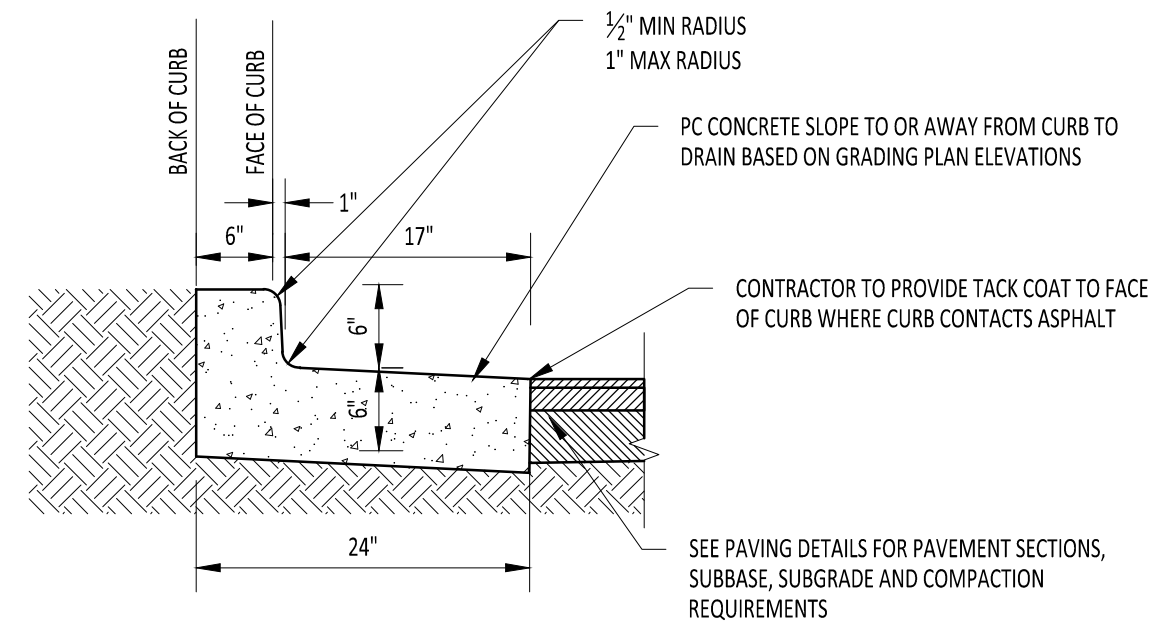


ASPHALT PAVING

PC CONCRETE PAVING

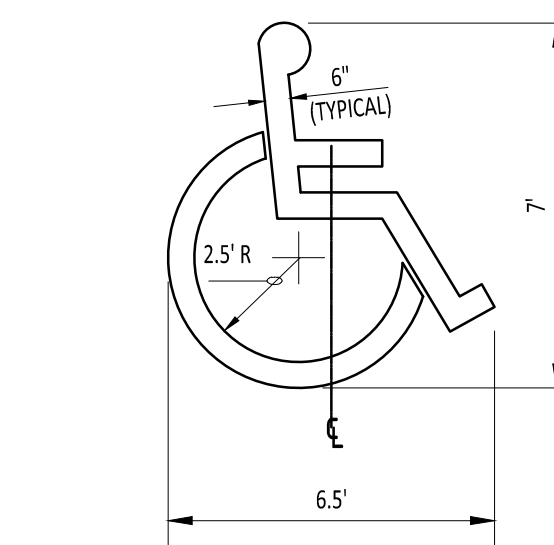
- FOR PREPARATION OF PAVEMENT SUBGRADE, FILL PLACED IN 8 INCH LIFTS TO WITHIN 8 INCHES OF FINISHED SUBGRADE ELEVATION IN FILL AREAS AND AT LEAST THE UPPER 8 INCHES OF SUBGRADE IN ALL AREAS TO BE PAVED SHALL BE COMPACTED TO AT LEAST 95% OF THE MATERIAL'S MAXIMUM STANDARD PROCTOR DRY DENSITY (ASTM D-698). FILL PLACED BELOW THIS LEVEL SHALL BE COMPACTED TO AT LEAST 98% OF THE MATERIAL'S MAXIMUM DRY DENSITY. THE SOIL'S WATER CONTENT SHALL BE AT -2% TO +2% OF THE SOIL'S OPTIMUM MOISTURE VALUE AT TIME OF COMPACTION. WHERE HAND OPERATED MECHANICAL TAMPERS ARE USED, THE LOOSE LIFT THICKNESS SHALL NOT EXCEED 5".
- AFTER PROOFROLLING WITH A LOADED TANDEM AXLE DUMP TRUCK AND REPAIRING DEEP SUBGRADE DEFICIENCIES, THE ENTIRE SUBGRADE SHALL BE SCARIFIED TO A DEPTH OF 6 INCHES AND UNIFORMLY COMPACTED TO AT LEAST 98% OF STANDARD PROCTOR.
- AGGREGATE GRAVEL BASE COURSE MIXTURES SHALL BE MDOT SIZE NO. 610 CRUSHED LIMESTONE, COMPACTED TO 100% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-698 (STANDARD PROCTOR) AT -2% TO +2% OF THE SOIL'S OPTIMUM MOISTURE CONTENT AT THE TIME OF COMPACTION.
- ASPHALT CONCRETE SURFACE COURSE SHALL BE MDOT SC-1, TYPE 8 AND ASPHALT CONCRETE BASE COURSE SHALL BE MDOT BB-1, TYPE 6 IN ACCORDANCE WITH THE LATEST EDITION OF THE MISSISSIPPI STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.
- THE PORTLAND CEMENT CONCRETE PAVEMENT MIXTURE SHALL BE IN ACCORDANCE WITH AIR-ENTRAINED CONCRETE FOR PAVEMENT AS PER ASTM C-31. PORTLAND CEMENT CONCRETE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST ACI, ASTM, AND PCA STANDARDS, INCLUDING THICKENED EXTERIOR EDGES AND CORNERS, AND LOAD TRANSFER DEVICES. THE MIXTURE SHALL BE DESIGNED TO DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
- CONTRACTOR SHALL PROVIDE A PRIME COAT AND TACK COAT. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE FIRST 12" OF STABILIZED SUBGRADE MATERIAL UNDER CRUSHED STONE PAVEMENT SHALL BE LIME TREATED USING 6% HYDRATED LIME BY DRY WEIGHT OF SOIL. LIME TREATMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION USING THE CLASS C LIME TREATMENT PROCEDURE. LIME TREATMENT SHALL EXTEND NOT LESS THAN 2" BEYOND PAVEMENT EDGES.
- SOURCE: GEOTECHNICAL ENGINEERING REPORT PREPARED BY W GEOTECHNICAL AND TESTING, INC. AND ISSUED BY LADNER TESTING, INC. DATED JANUARY 24, 2023. PAVEMENT PREPARATION AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH ALL GEOTECHNICAL RECOMMENDATIONS. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY BETWEEN THE PLANS AND GEOTECHNICAL REPORT PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

1 PAVEMENT SECTIONS  
SCALE: NOT TO SCALE

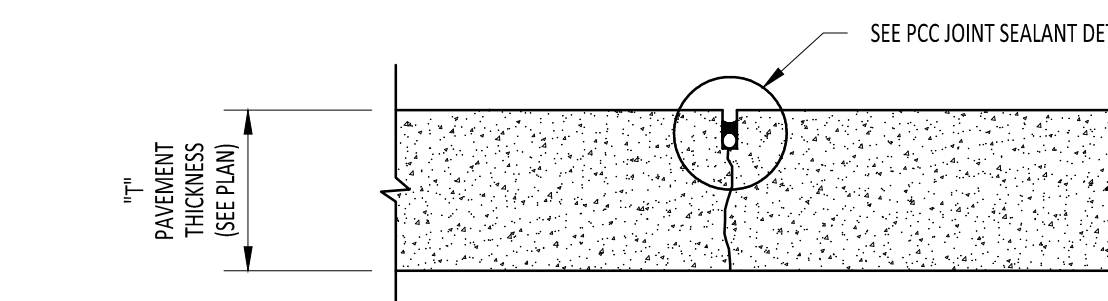


NOTE: GUTTER SLOPE TO MATCH ADJACENT PAVEMENT, TRANSVERSE AND LONGITUDINAL.

2 CURB AND GUTTER  
SCALE: NOT TO SCALE

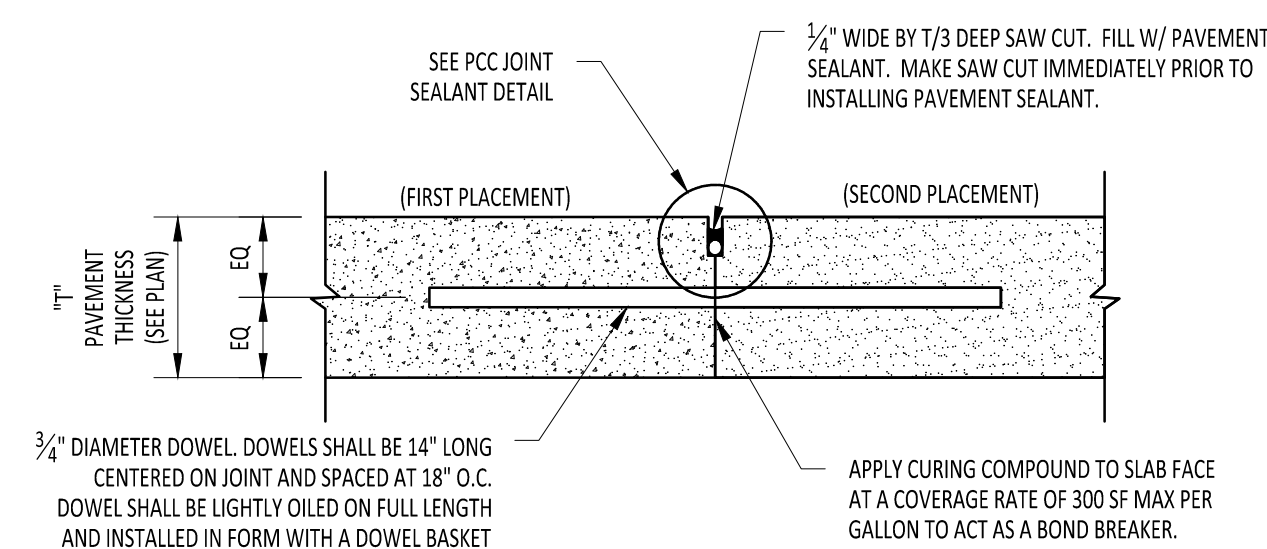


3 ADA PARKING SYMBOL  
SCALE: 1/2"=1'-0"

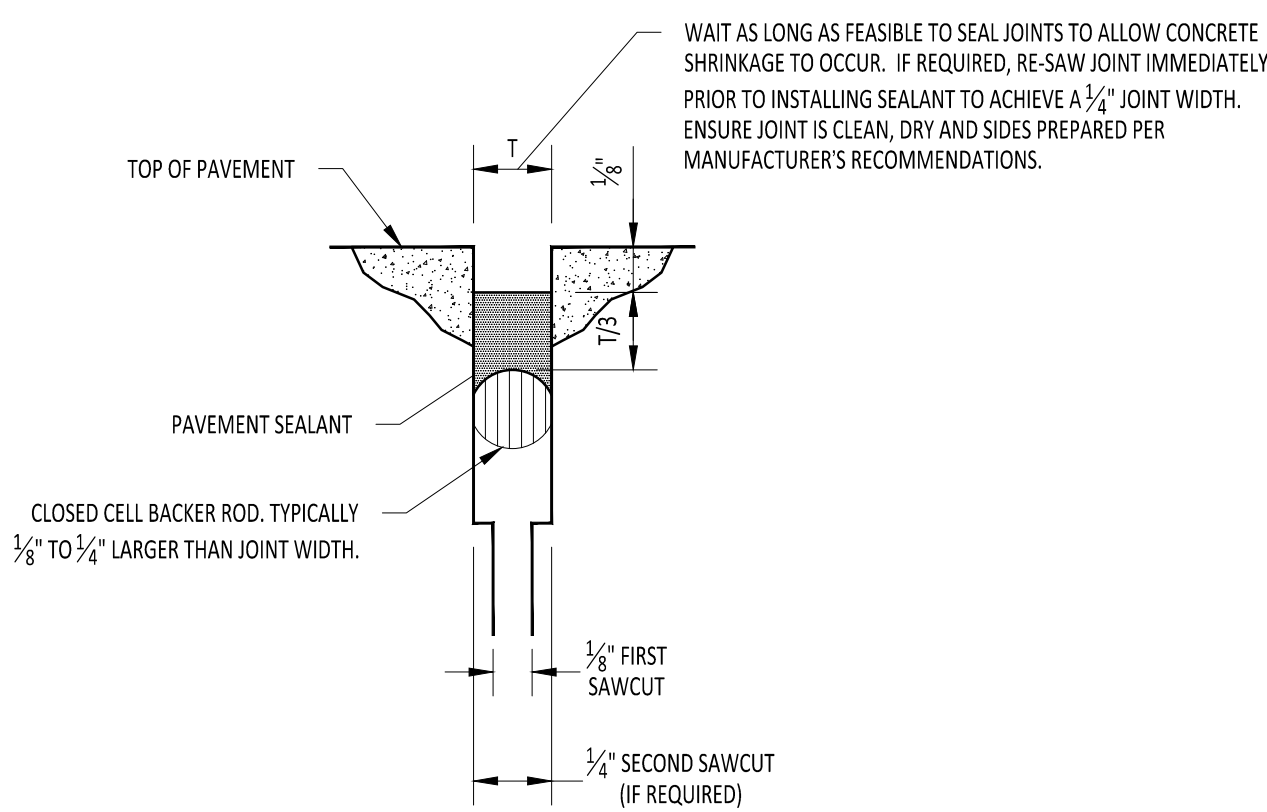


NOTE: SEE PLAN FOR JOINT SPACING. IF JOINTS ARE NOT SHOWN ON THE PLANS, REFER TO THE SPECIFICATIONS FOR JOINT SPACING.

CONTRACTION JOINT



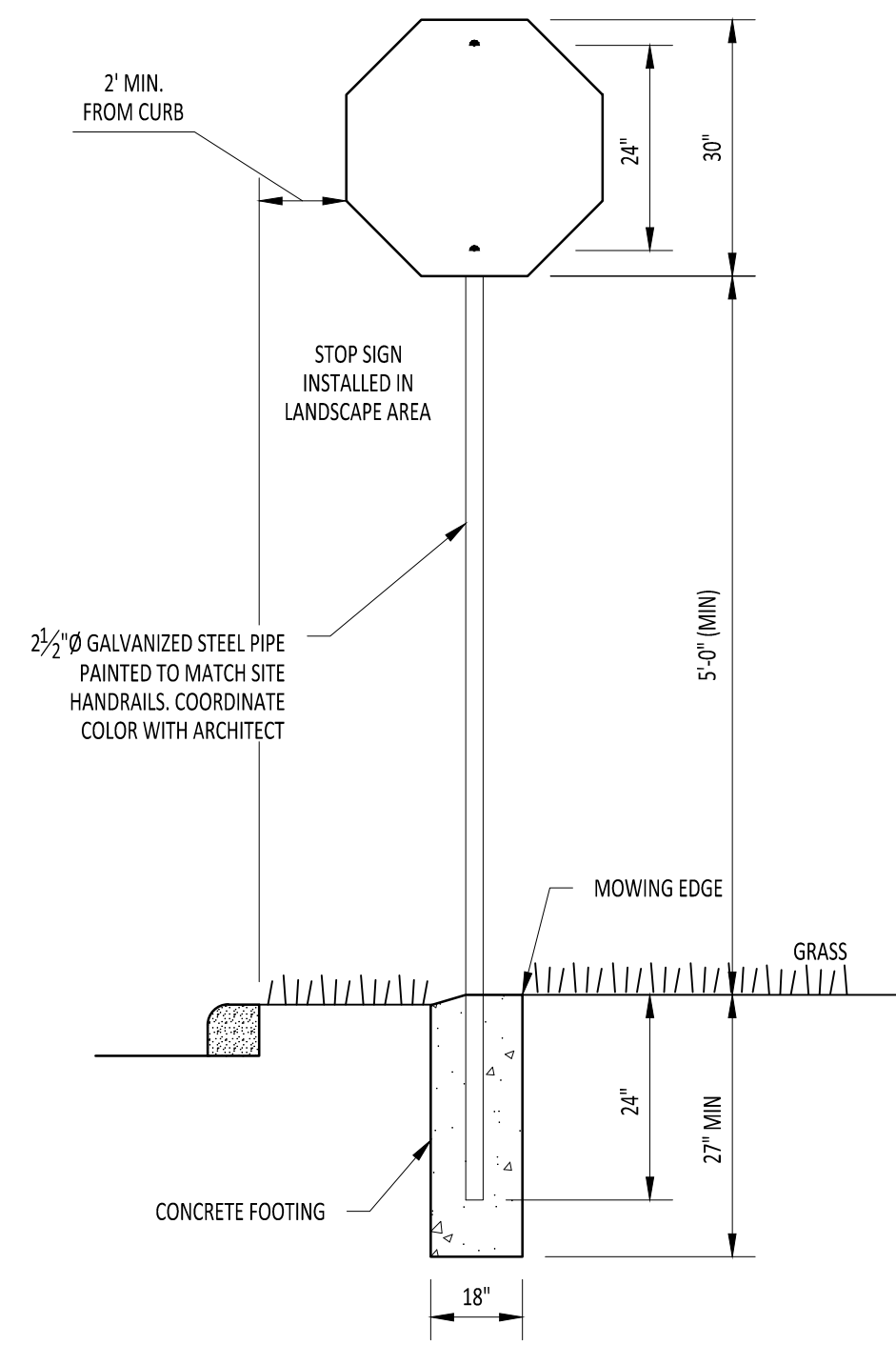
CONSTRUCTION JOINT



PCC JOINT

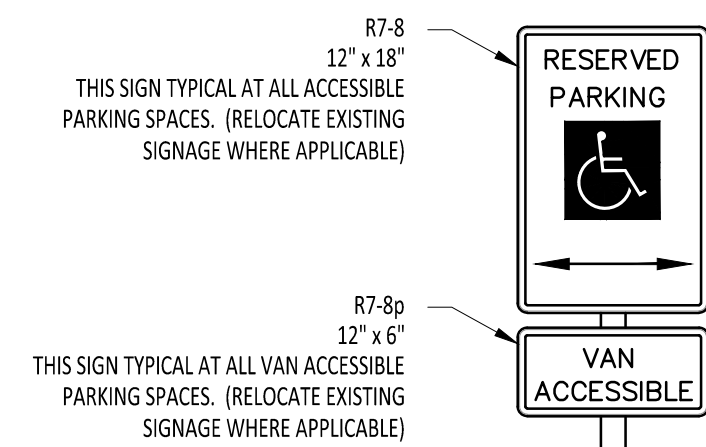
- NOTES:
- ENSURE JOINTS ARE CLEAN AND DRY PRIOR TO THE APPLICATION OF THE JOINT SEALANT.
  - INSTALL CLOSED CELL BACKER ROD AFTER JOINTS HAVE BEEN CLEANED AND DRIED IN ACCORDANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.
  - INSTALL BACKER ROD AT CONSISTENT AND UNIFORM DEPTH.
  - JOINT SEALANT APPLICATION SHALL BE IN STRICT COMPLIANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.
  - COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY (ASTM 698) PRIOR TO PLACING CONCRETE PAVEMENT.
  - CONCRETE STRENGTH SHALL BE 4000 PSI MIN.

7 CONCRETE PAVEMENT JOINT  
SCALE: NOT TO SCALE



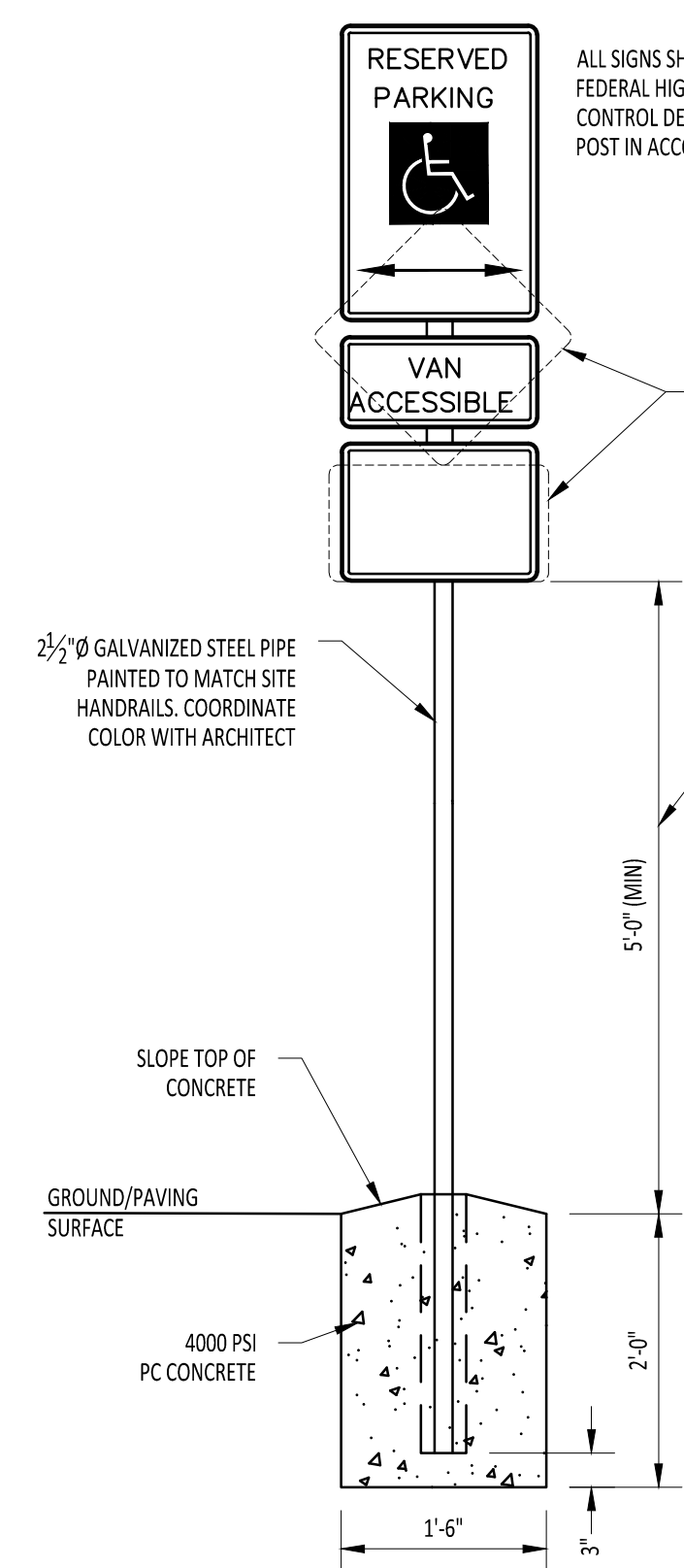
STOP SIGN  
R1.1  
(30" OCTAGON)

4 STOP SIGN DETAIL  
SCALE: NOT TO SCALE

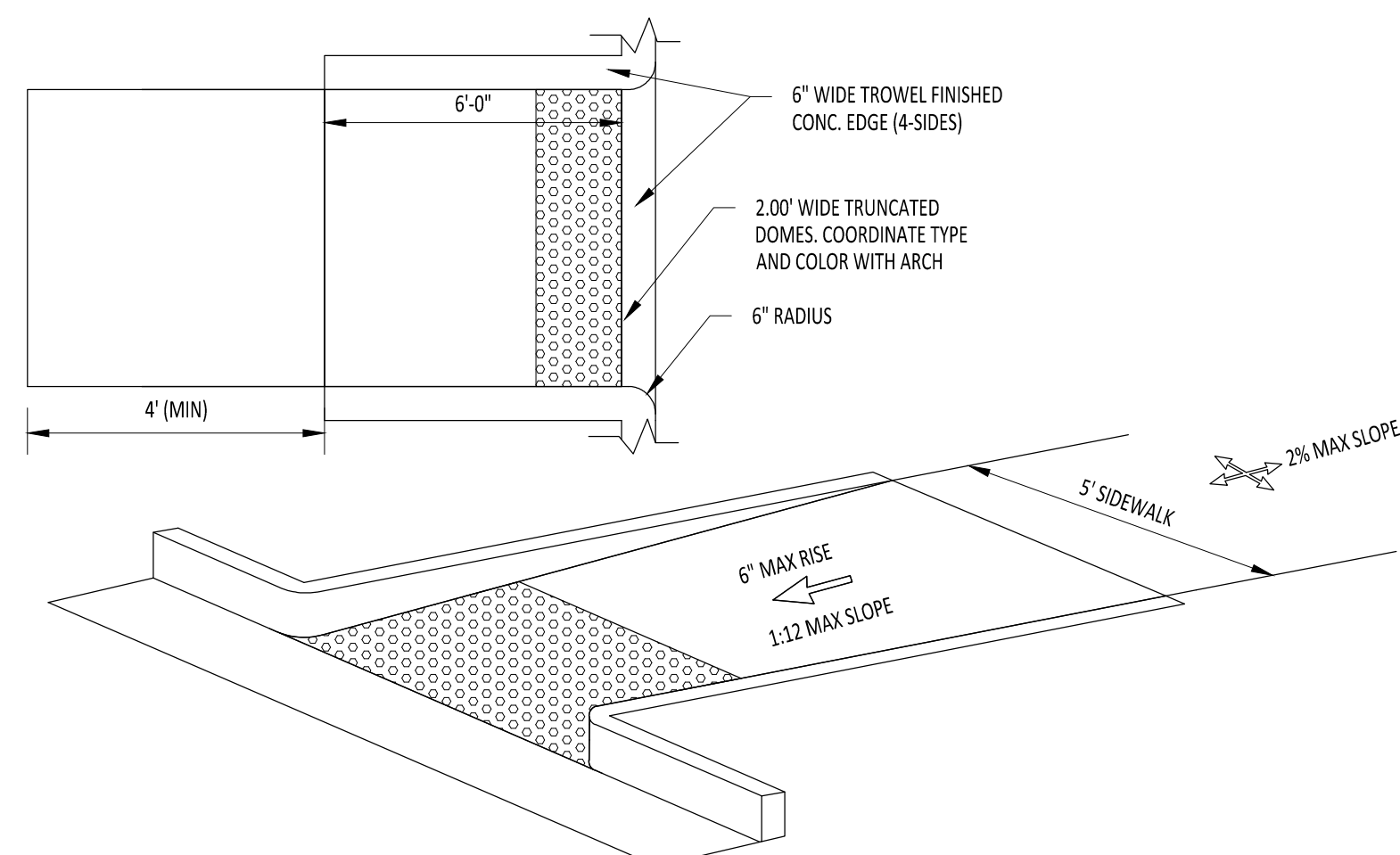


ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

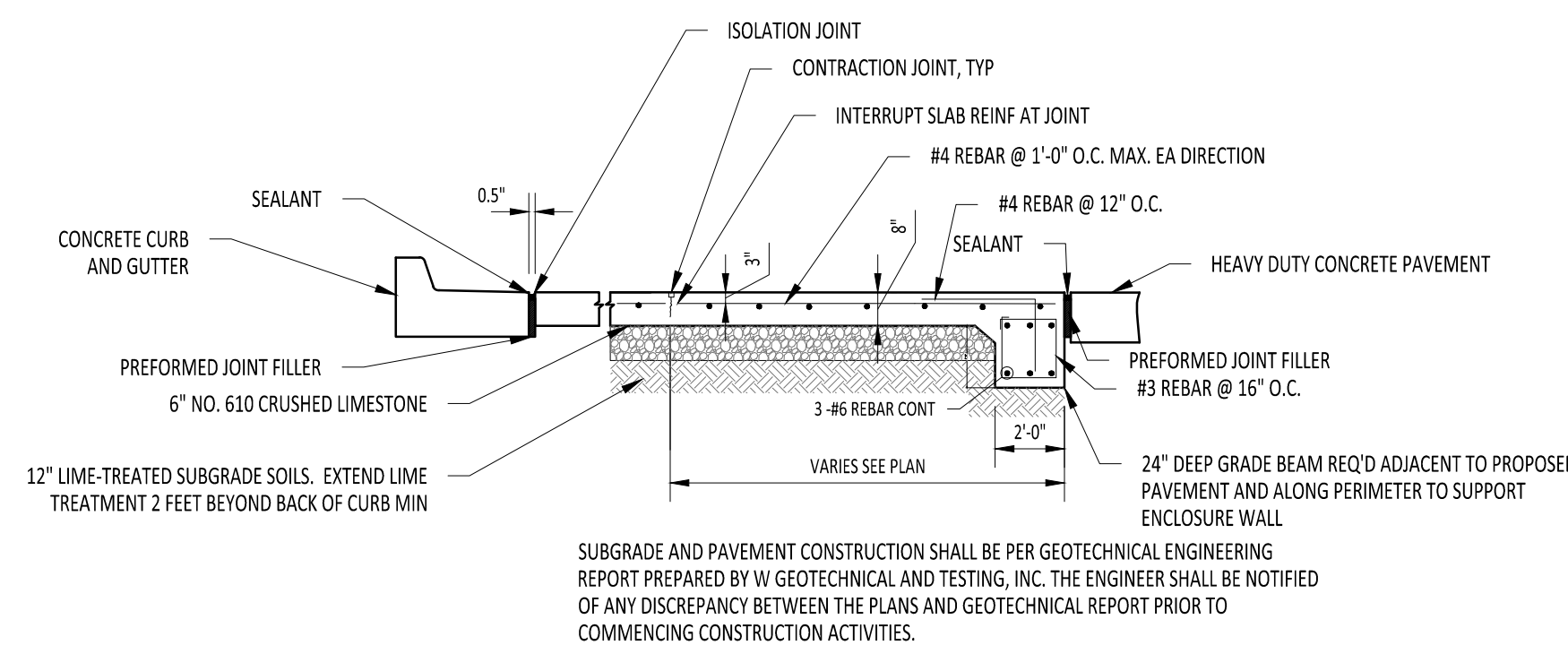
SIGNAGE OTHER THAN ACCESSIBLE (PEDESTRIAN, STOP, ETC.)



5 ADA SIGN DETAIL  
SCALE: NOT TO SCALE



6 CURB RAMP DETAIL  
SCALE: NOT TO SCALE



SUBGRADE AND PAVEMENT CONSTRUCTION SHALL BE PER GEOTECHNICAL ENGINEERING REPORT PREPARED BY W GEOTECHNICAL AND TESTING, INC. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY BETWEEN THE PLANS AND GEOTECHNICAL REPORT PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

8 REINFORCED CONCRETE DUMPSTER PAD, TYP SECTION  
SCALE: NOT TO SCALE

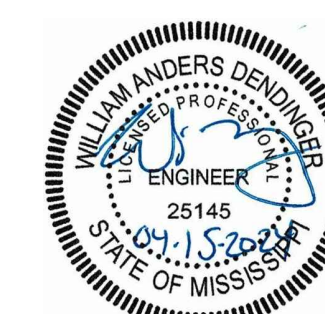


Revisions:

1	STEWART
2	21007
3	04.15.2024
	RMC
	WAD

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Project: R1.1  
Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: RMC  
Checked: WAD









STATE	PROJECT NO.
MISS.	

NOTES:  
1. W AND H ARE EXPRESSED IN DECIMAL FEET.  
2. W = W ROUNDED TO NEAREST WHOLE FOOT.  
3. Y = (H-0.5).  
4. H' = H - 2.08(ROUNDED TO NEAREST WHOLE FOOT).  
5. NO DEDUCTIONS ARE MADE FOR PIPE OPENINGS IN FORMULAS.

REGULAR INLET  
5'-0" INLET  
STEEL = 8.68W + 9.35Y + 3.79W' + 7.57H' + 121  
CONC. = (WY + 5.5W + 6Y + 14.611)/27

INLET WITH ONE EXTENSION  
10'-0" INLET  
STEEL = 8.68W + 9.35Y + 3.79W' + 7.57H' + 231  
CONC. = (WY + 5.5W + 6Y + 38.641)/27

INLET WITH TWO EXTENSIONS  
15'-0" INLET  
STEEL = 8.68W + 9.35Y + 3.79W' + 7.57H' + 341  
CONC. = (WY + 5.5W + 6Y + 62.671)/27

PLAN OF INLET AND EXTENSIONS

ADD. CONCRETE PER FOOT OF H	ADD. CONCRETE PER FOOT OF W
W	H
2'-6"	0.315
3'-0"	0.333
3'-6"	0.352
4'-0"	0.371
4'-6"	0.389
5'-0"	0.408
5'-6"	0.426
6'-0"	0.445
6'-6"	0.463
7'-0"	0.481
8'-0"	0.499
8'-6"	0.500

BAR SIZE	LENGTH	SPACING	NUMBER	WEIGHT
"E"	5'-8"	AS SHOWN	3	11
"G"	0'-11"	SEE SCHEDULE	6	34
"H"	6'-9"	AS SHOWN	5	51
"L"	4'-9"	AS SHOWN	2	14

TOTAL STEEL FOR ONE EXTENSION = 110 lbs  
TOTAL CONCRETE FOR ONE EXTENSION = 0.89 yd<sup>3</sup>  
NOTE: WHERE EXTENSION IS USED WITH CONCRETE PAVEMENT, ADD 27 lbs OF STEEL FOR BARS "M".

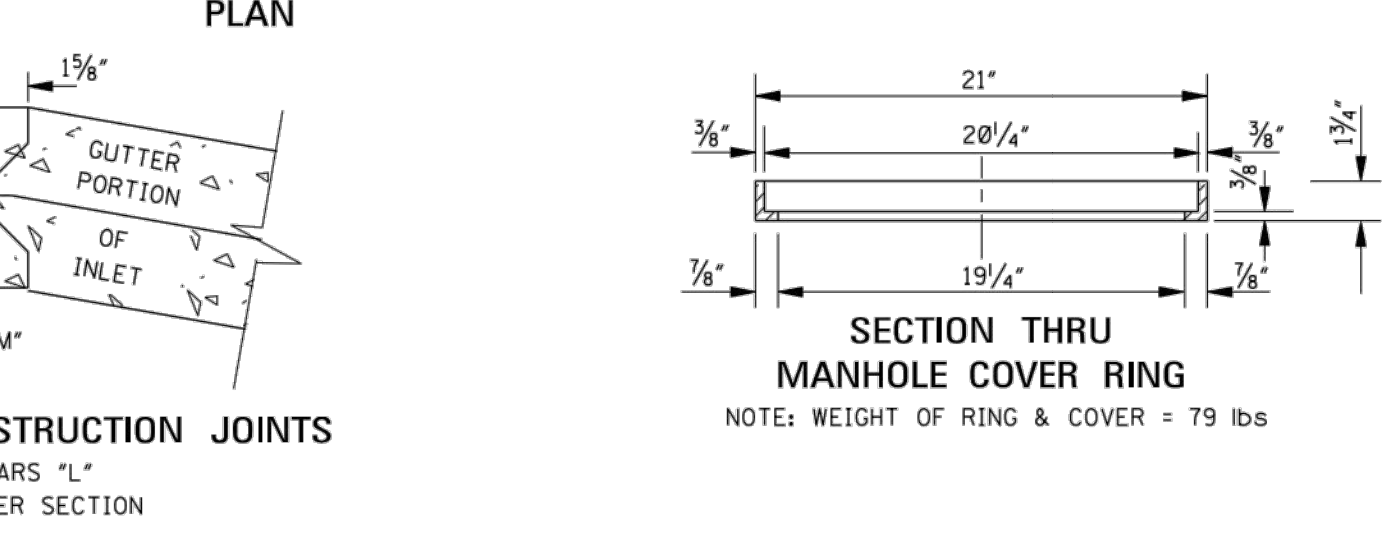
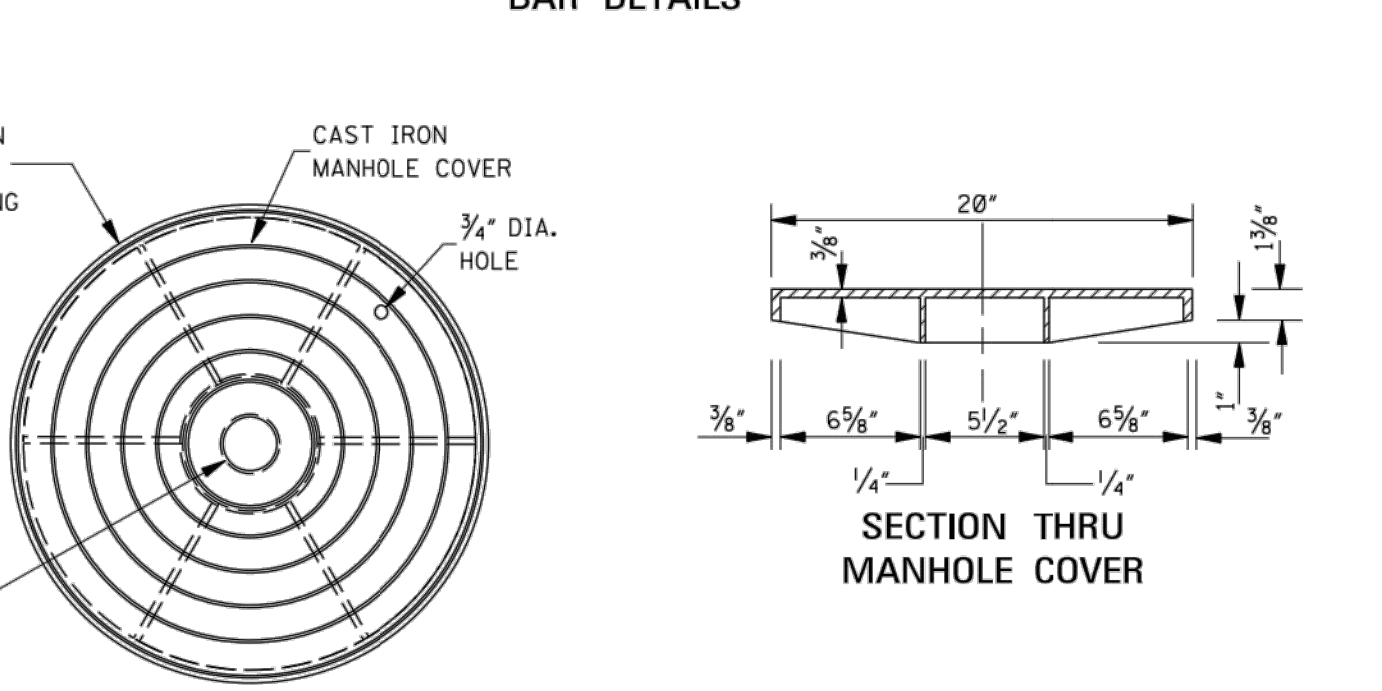
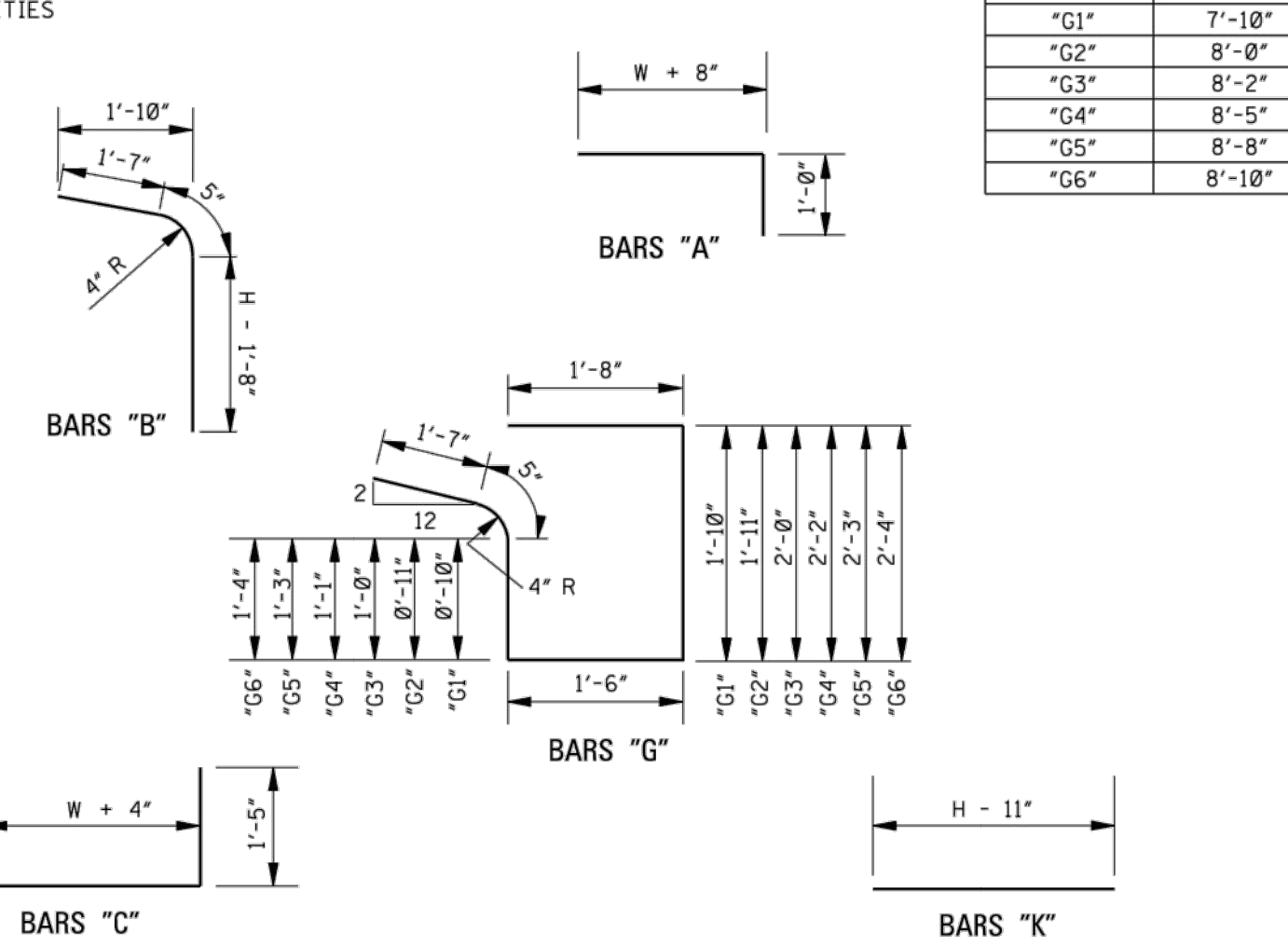
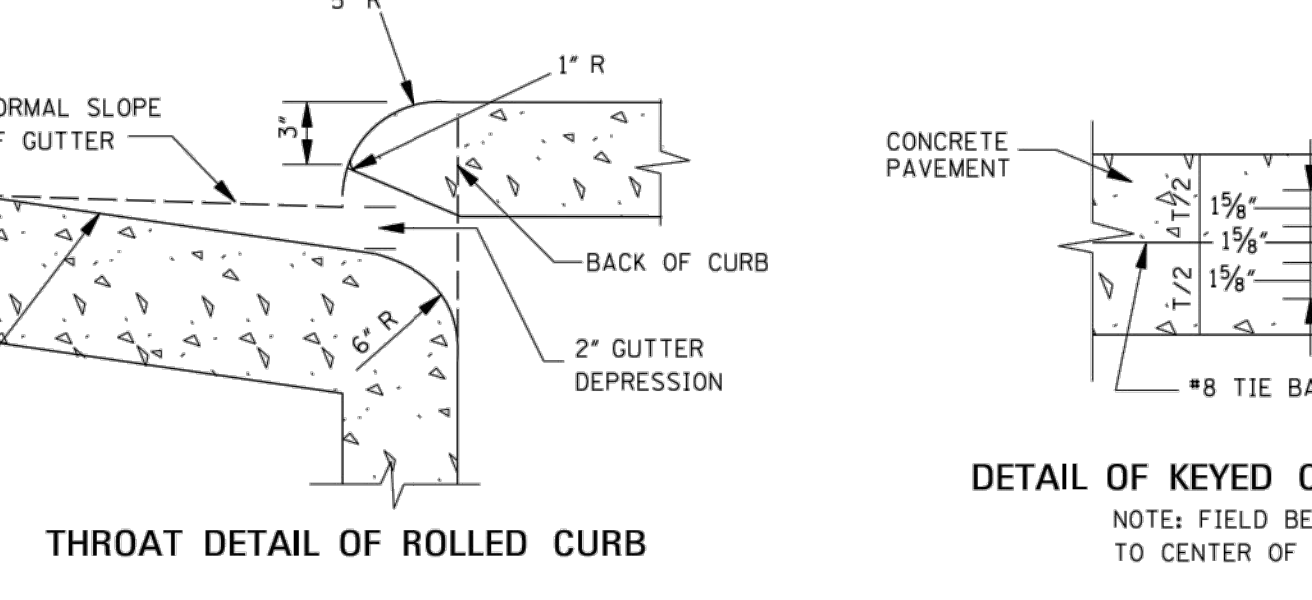
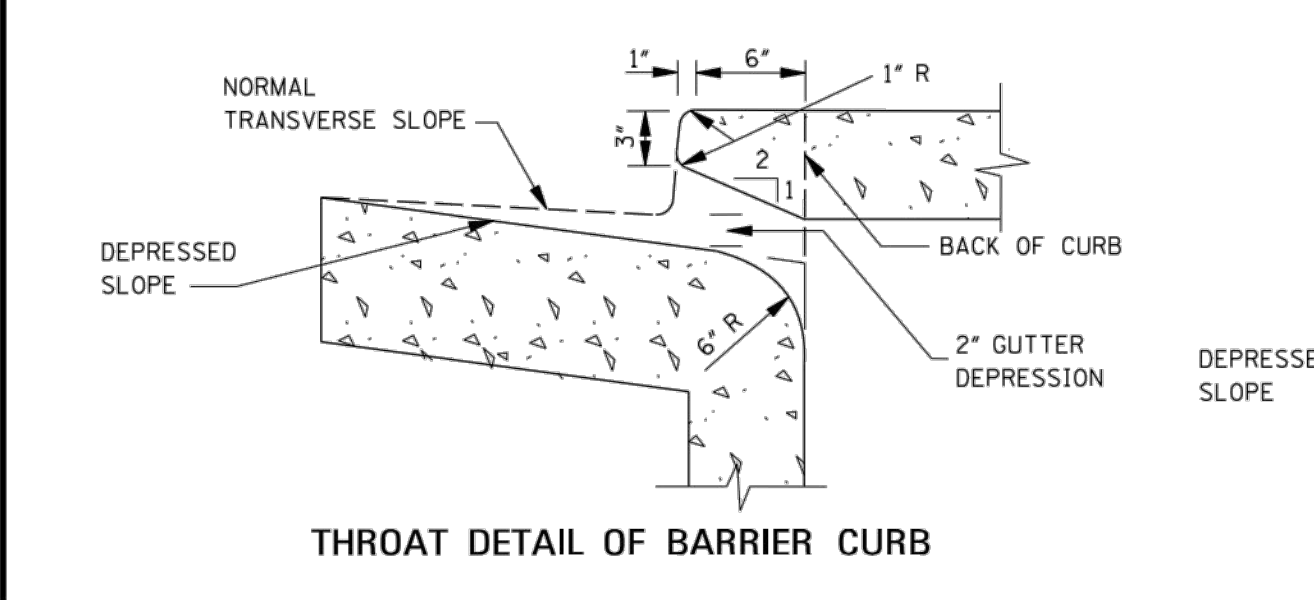
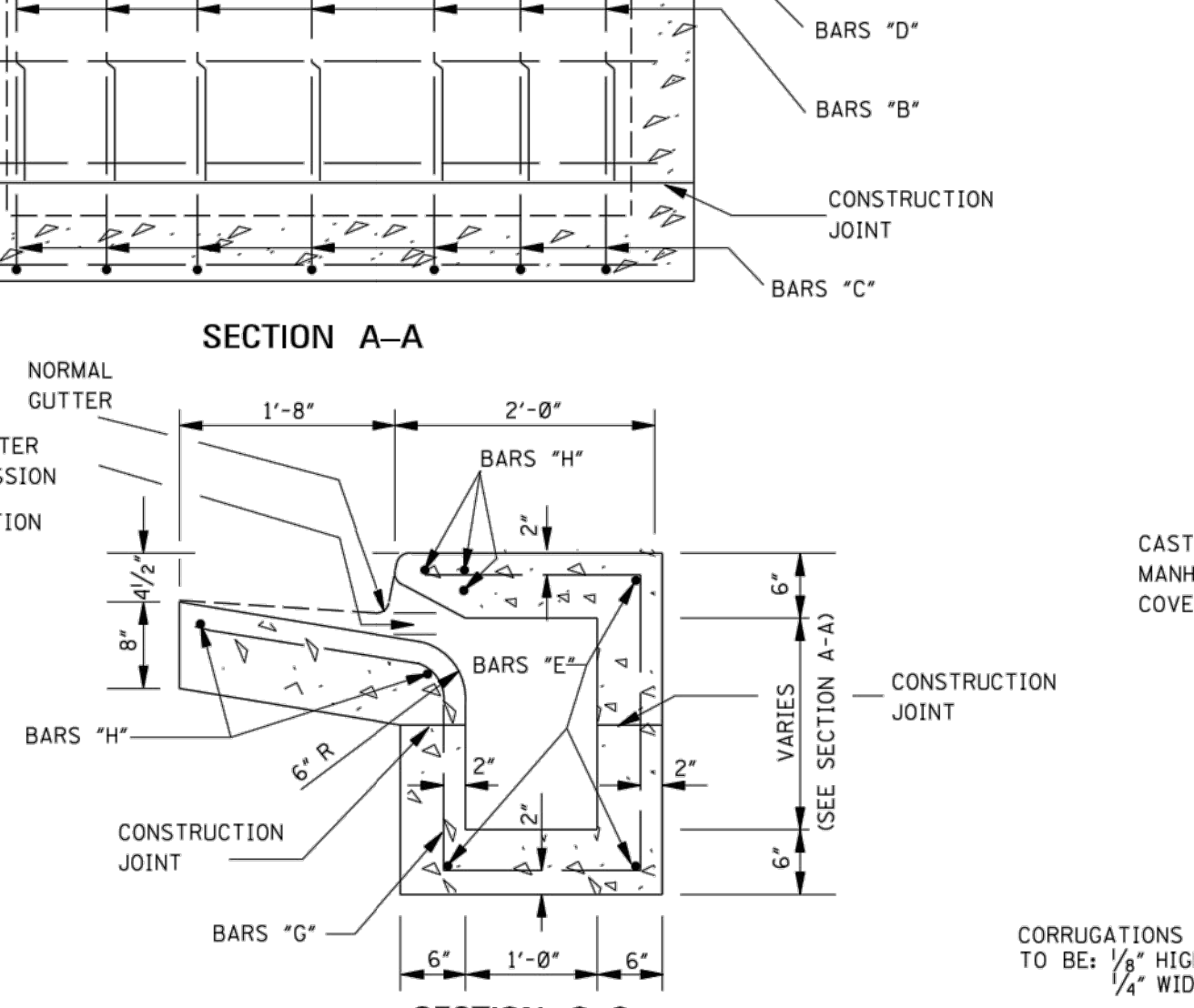
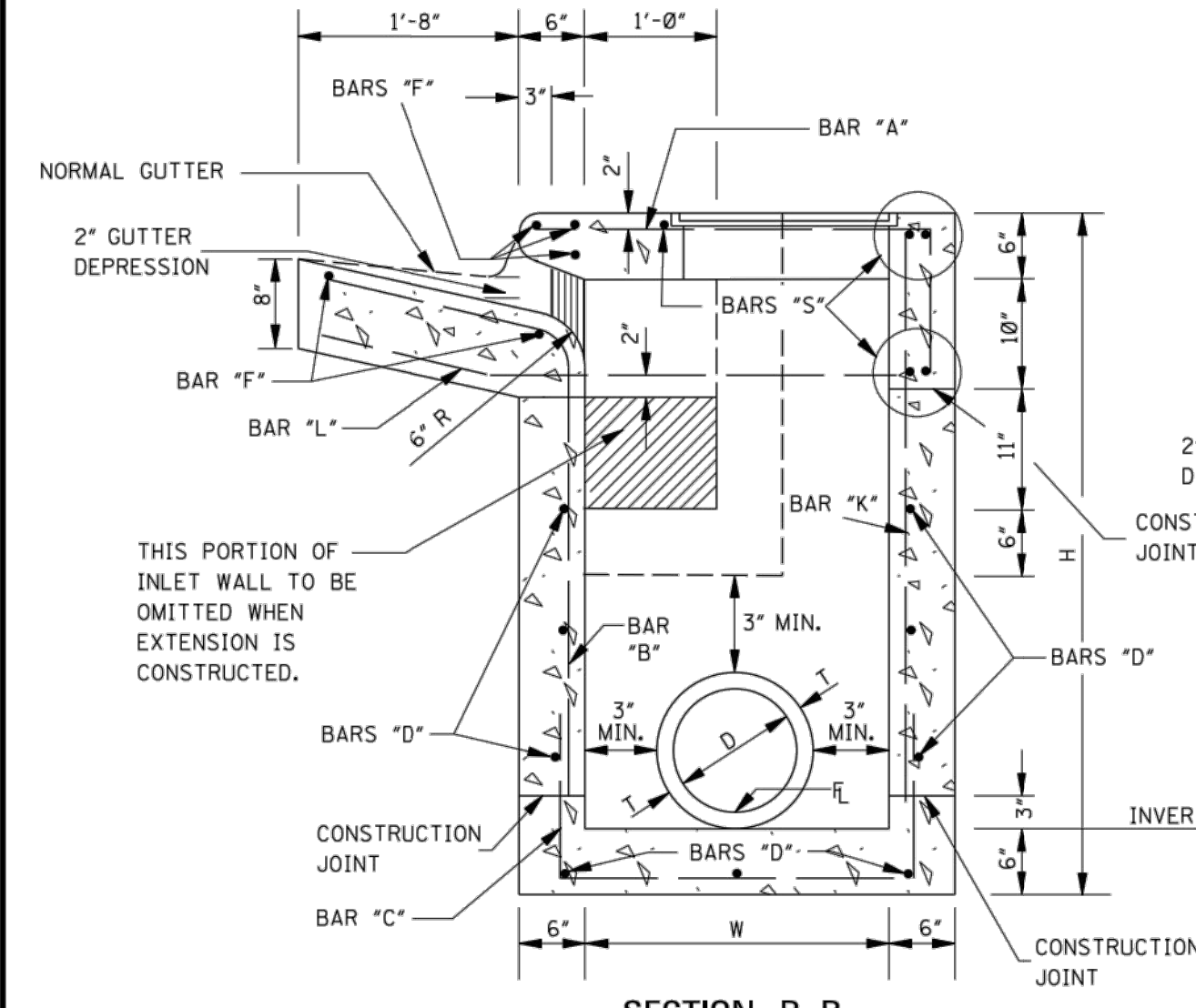
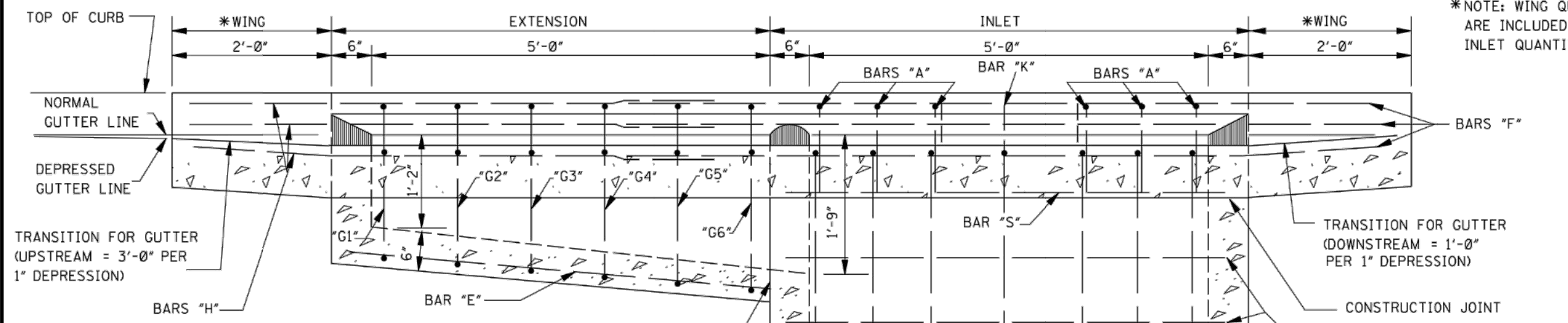
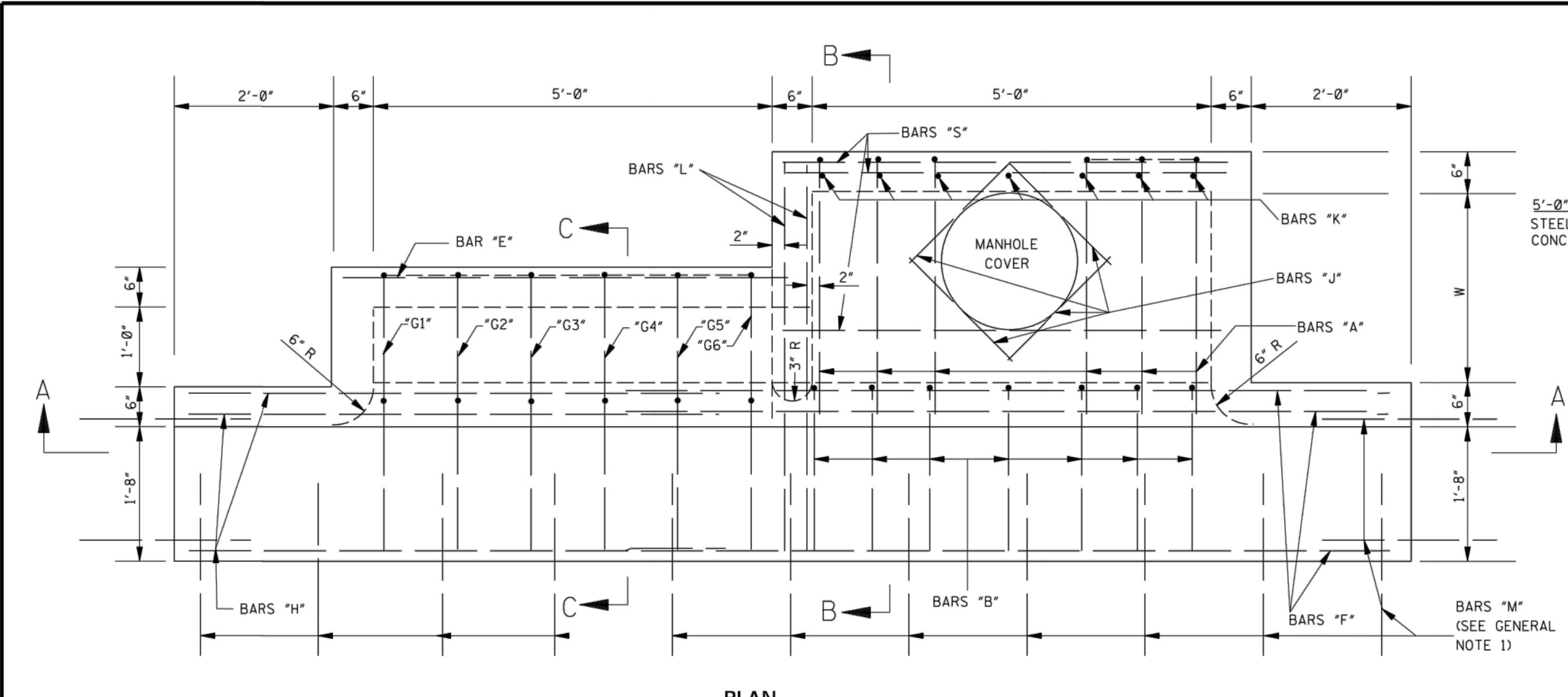
BAR "G" SCHEDULE	LENGTH
"G1"	7'-10"
"G2"	8'-0"
"G3"	8'-2"
"G4"	8'-5"
"G5"	8'-8"
"G6"	8'-10"

BILL OF REINFORCING STEEL FOR 1'-5'-0" INLET																				
H	BAR "A"		BAR "C"		BAR "S"		BAR "D"		BAR "F"		BAR "J"		BAR "K"		* TOTAL STEEL	TOTAL CONC.				
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs						
3'-6"	6	17	7	27	5	19	5	19	5	19	6	3	10	7	18	2'-7"	7	12	190	1.99
4'-0"	6	17	7	27	5	19	7	26	5	19	6	4	10	7	20	3'-1"	7	14	202	2.15
4'-6"	6	17	7	27	5	19	7	26	5	19	6	4	10	7	23	3'-7"	7	17	207	2.31
5'-0"	6	17	7	27	5	19	9	34	5	19	6	5	10	7	25	4'-1"	7	19	219	2.47
5'-6"	6	17	7	27	5	19	9	34	5	19	6	5	10	7	27	4'-7"	7	21	224	2.62
6'-0"	6	17	7	27	5	19	11	42	5	19	6	6	10	7	30	5'-1"	7	24	238	2.78
6'-6"	6	17	7	27	5	19	11	42	5	19	6	6	10	7	32	5'-7"	7	26	240	2.94
7'-0"	6	17	7	27	5	19	13	49	5	19	6	7	10	7	34	6'-1"	7	28	253	3.10
7'-6"	6	17	7	27	5	19	13	49	5	19	6	7	10	7	37	6'-7"	7	31	257	3.25

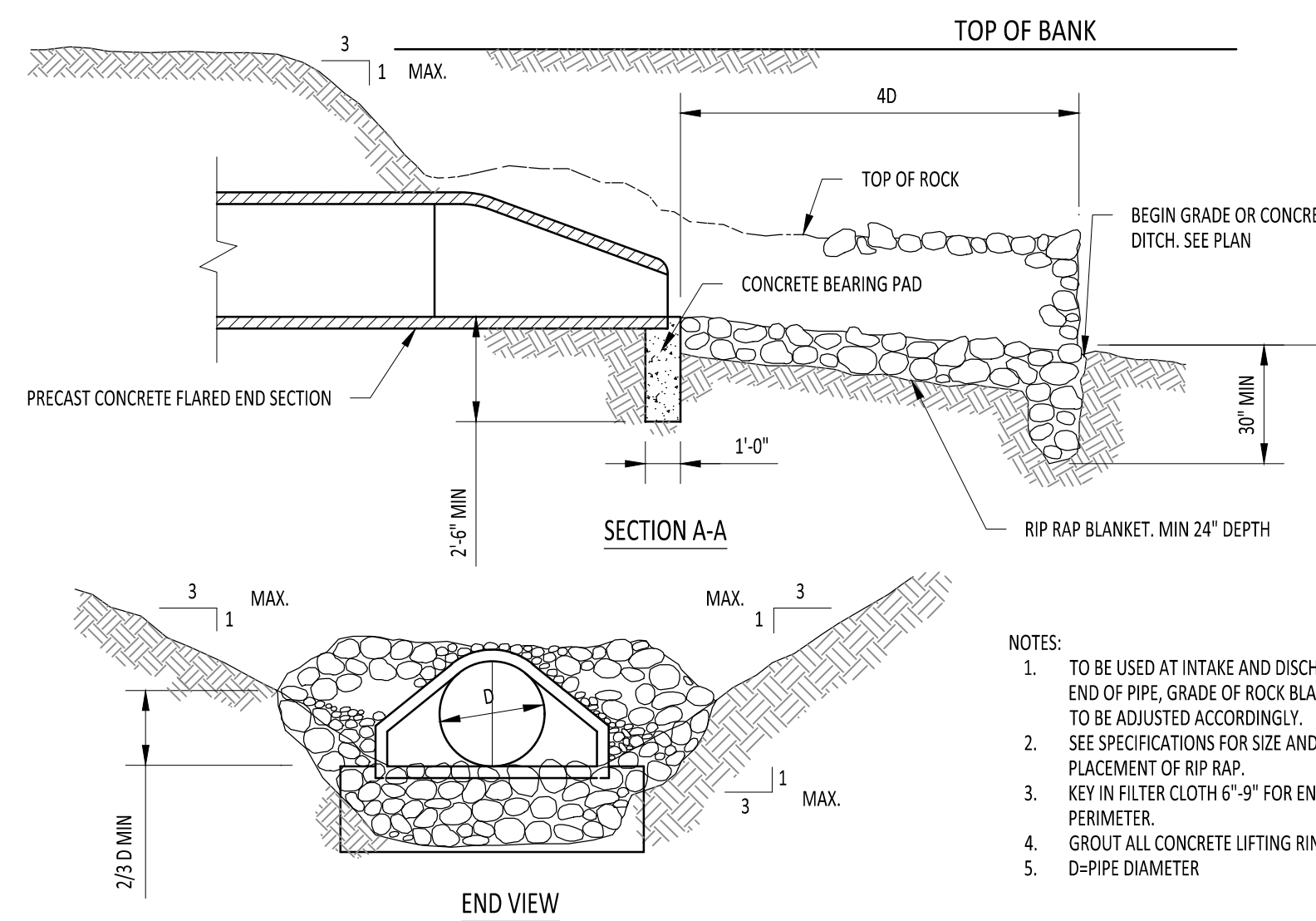
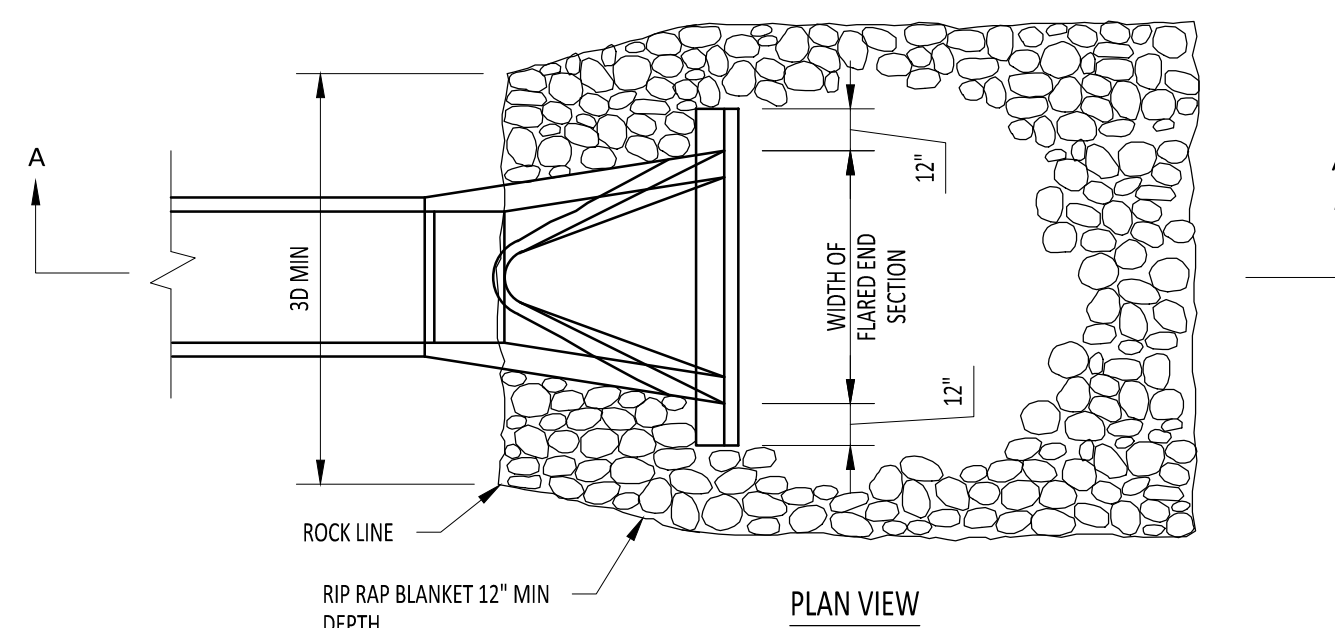
BILL OF REINFORCING STEEL FOR 1'-5'-0" INLET																				
H	BAR "A"		BAR "C"		BAR "S"		BAR "D"		BAR "F"		BAR "J"		BAR "K"		* TOTAL STEEL	TOTAL CONC.				
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs						
3'-6"	6	19	7	29	5	19	5	19	5	19	6	3	10	7	18	2'-7"	7	12	194	2.15
4'-0"	6	19	7	29	5	19	7	26	5	19	6	4	10	7	20	3'-1"	7	14	206	2.32
4'-6"	6	19	7	29	5	19	7	26	5	19	6	4	10	7	23	3'-7"	7	17	211	2.49
5'-0"	6	19	7	29	5	19	9	34	5	19	6	5	10	7	25	4'-1"	7	19	223	2.65
5'-6"	6	19	7	29	5	19	9	34	5	19	6	5	10	7	27	4'-7"	7	21	228	2.82
6'-0"	6	19	7	29	5	19	11	42	5	19	6	6	10	7	30	5'-1"	7	24	240	2.99
6'-6"	6	19	7	29	5	19	11	42	5	19	6	6	10	7	32	5'-7"	7	26	245	3.15
7'-0"	6	19	7	29	5	19	13	49	5	19	6	7	10	7	34	6'-1"	7	28	257	3.32
7'-6"	6	19	7	29	5	19	13	49	5	19	6	7	10	7	37	6'-7"	7	31	262	3.49

BILL OF REINFORCING STEEL FOR 1'-5'-0" INLET																				
H	BAR "A"		BAR "C"		BAR "S"		BAR "D"		BAR "F"		BAR "J"		BAR "K"		* TOTAL STEEL	TOTAL CONC.				
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs						
3'-6"	6	21	7	31	5	19	6	23	5	19	6	3	10	7	18	2'-7"	7	12	204	2.31
4'-0"	6	21	7	31	5	19	8	30	5	19	6	4	10	7	20	3'-1"	7	14	214	2.49
4'-6"	6	21	7	31	5	19	8	30	5	19	6	4	10	7	23	3'-7"	7	17	219	2.66
5'-0"	6	21	7	31	5	19	10	38	5	19	6	5	10	7	25	4'-1"	7	19	231	2.84
5'-6"	6	21	7	31	5	19	10	38	5	19	6	5	10	7	27	4'-7"	7	21	236	3.01
6'-0"	6	21	7	31	5	19	12	45	5	19	6	6	10	7	30	5'-1"	7	24	248	3.19
6'-6"	6	21	7	31	5	19	12	45	5	19	6	6	10	7	32	5'-7"	7	26	253	3.37
7'-0"	6	21	7	31	5	19	14	53	5	19	6	7	10	7	34	6'-1"	7	28	265	3.54
7'-6"	6	21	7	31	5	19	14	53	5	19	6	7	10	7	37	6'-7"	7	31	270	3.72

- GENERAL NOTES:
- WHERE INLET OR INLET WITH EXTENSIONS IS USED WITH CONCRETE PAVEMENT WITH INTERGRAL CURB, THE PAVEMENT SHALL BE BLOCKED OUT TO THE DIMENSIONS AS SHOWN FOR THE GUTTER PORTION OF THE INLET OR INLET WITH EXTENSIONS. THE PORTION BLOCKED OUT SHALL BE PLACED INTEGRAL WITH THE TOP OF THE INLET OR INLET WITH EXTENSIONS. #8 DEFORMED BARS 30" LONG SHALL BE PLACED ON 18" CENTERS AT THE CENTER OF THE PAVEMENT. THESE BARS SHALL EXTEND INTO THE GUTTER PORTION OF THE INLET OR INLET WITH EXTENSIONS 15". THE CONSTRUCTION JOINT BETWEEN THE CONCRETE PAVEMENT AND THE INLET OR INLET WITH EXTENSIONS SHALL BE A KEYED JOINT AS SHOWN. A SMOOTH CONSTRUCTION JOINT WILL NOT BE PERMITTED. QUANTITIES FOR BLOCKED OUT AREA OF PAVEMENT SHALL BE INCLUDED IN QUANTITIES FOR INLET OR INLET WITH EXTENSIONS.
  - THE QUANTITIES SHOWN, MINUS VOLUMETRIC DISPLACEMENT OF CONCRETE BY PIPE CULVERTS THROUGH INLET WALLS, WILL BE USED AS THE BASIS OF FINAL PAYMENT UNLESS THIS PLAN IS MODIFIED.
  - FOR CONVENIENCE, DEPTHS OF INLETS SHOWN IN ABOVE TABLE ARE INCREMENTS OF 6". BUT ANY DEPTHS OTHER THAN THESE SHOWN MAY BE USED WHEREVER DEEMED NECESSARY. QUANTITIES FOR OTHER DEPTHS, FALLING WITHIN THE LIMITS OF THE TABLE, MAY BE FOUND BY INTERPOLATION.
  - FIELD CUT AND BEND BARS AS NECESSARY TO ACCOMMODATE STORM SEWER. NO DEDUCTIONS ARE TO BE MADE IN STEEL QUANTITIES.
  - WHERE INLET IS BEING USED ADJACENT TO SIDEWALK, REFER TO OTHER SHEETS FOR TOP DETAIL.

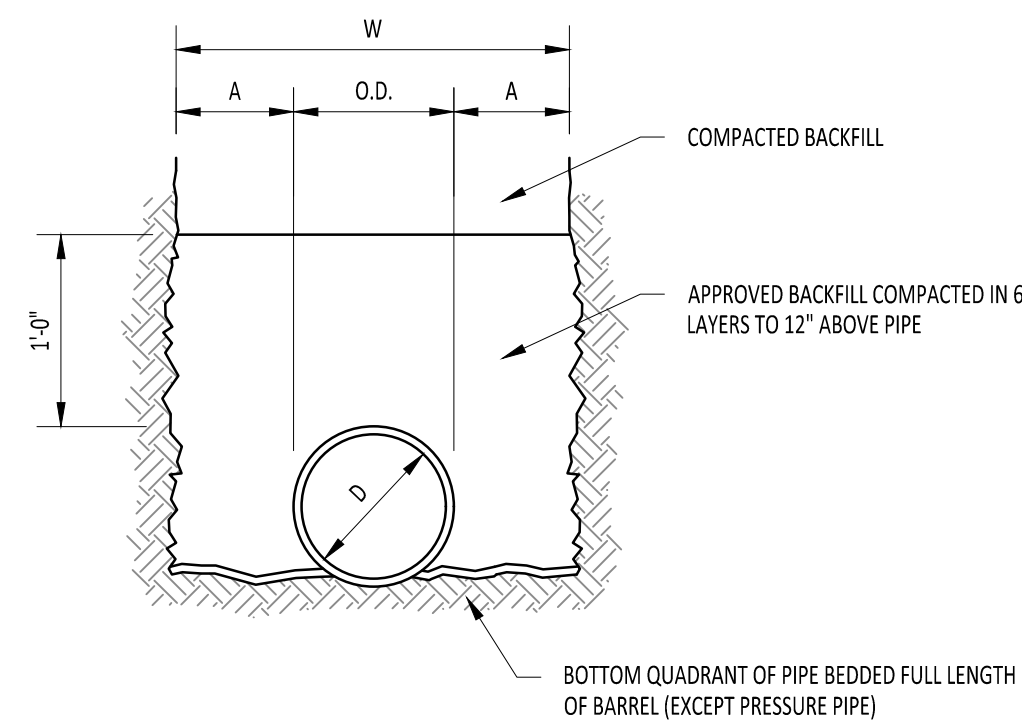




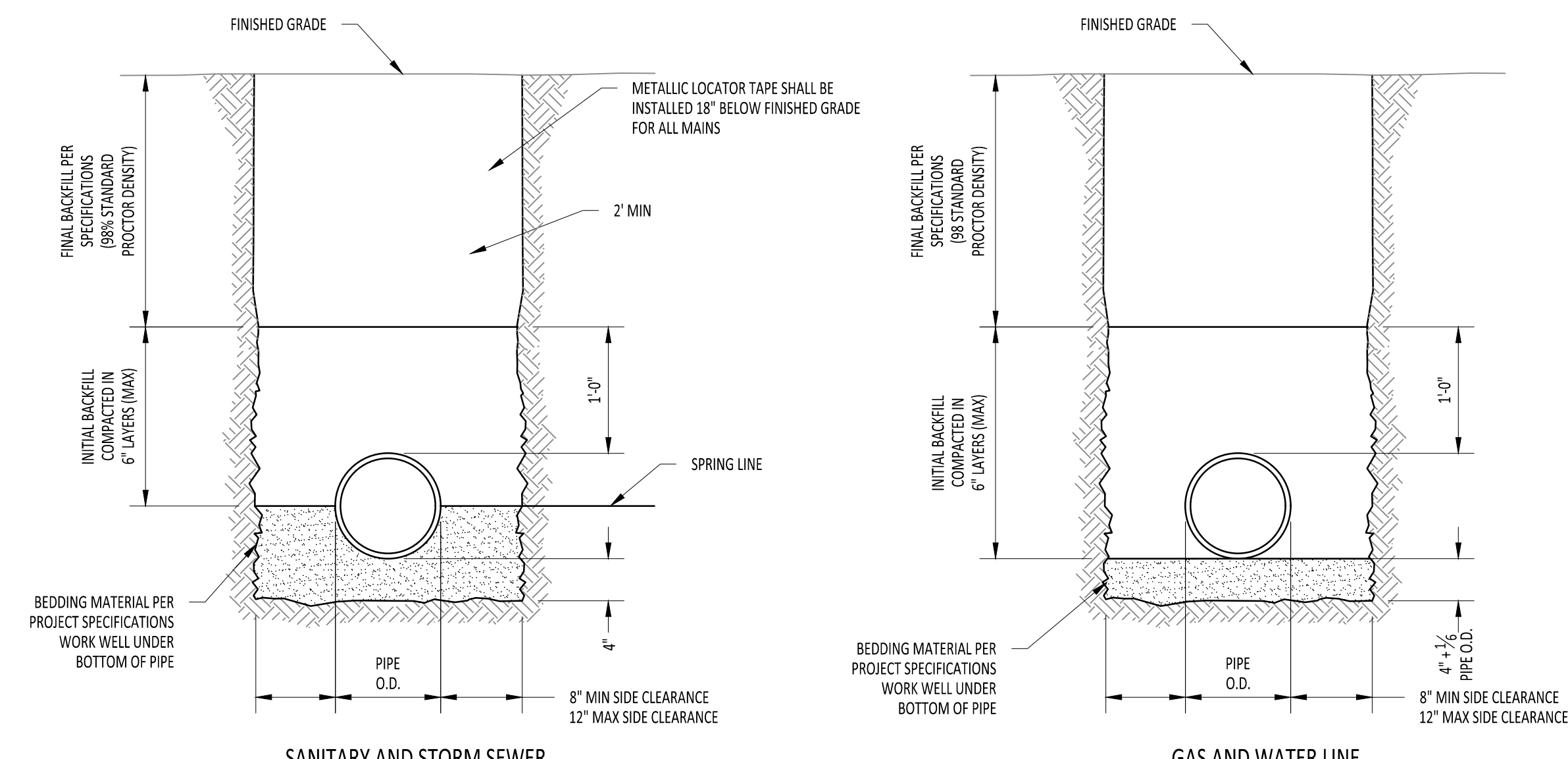


1 FLARED END SECTION  
C205 SCALE: NOT TO SCALE

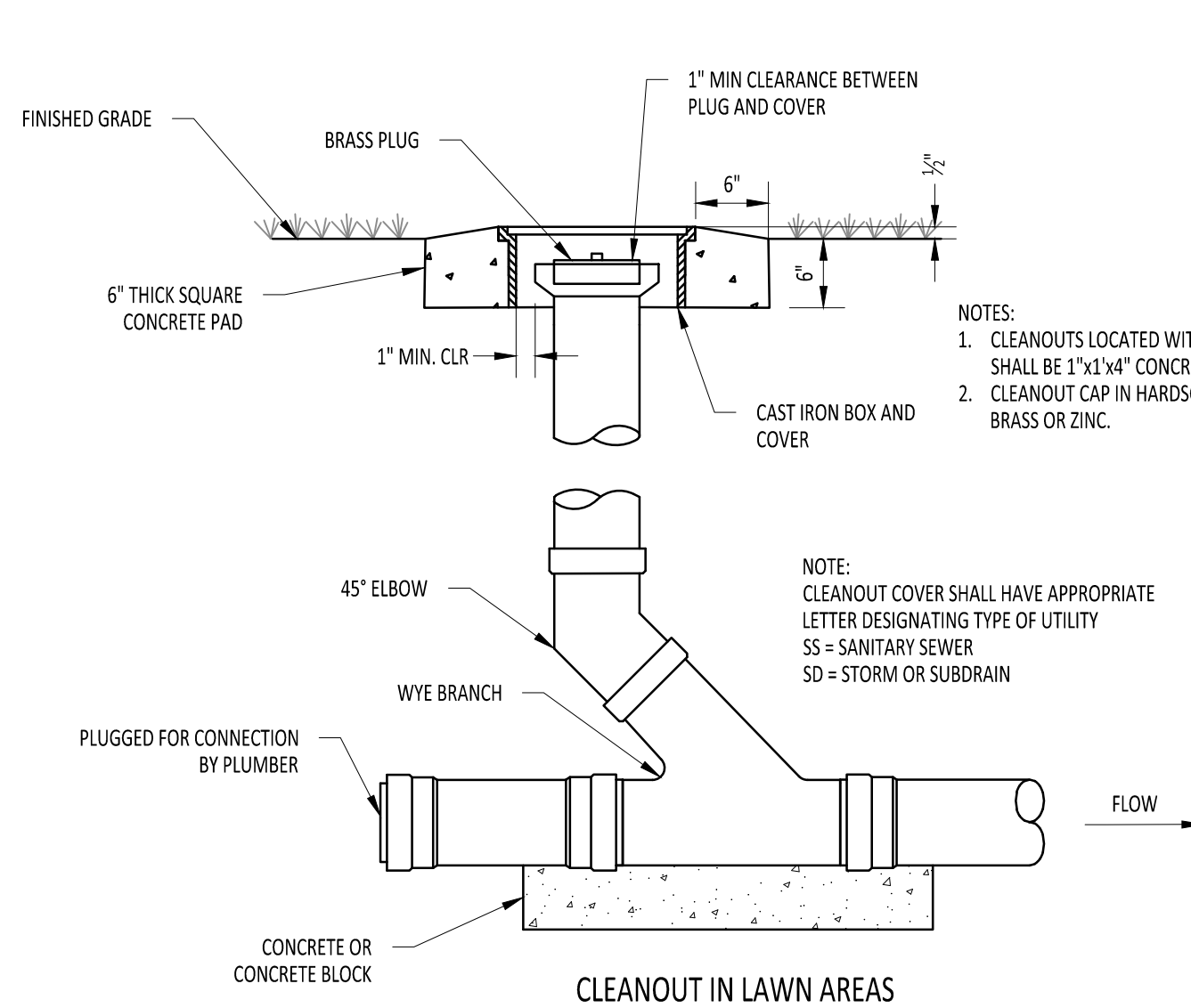
PIPE DIAMETER "D"	MAX "A"
6" TO 15"	8"
18" TO 21"	10"
24" TO 30"	12"



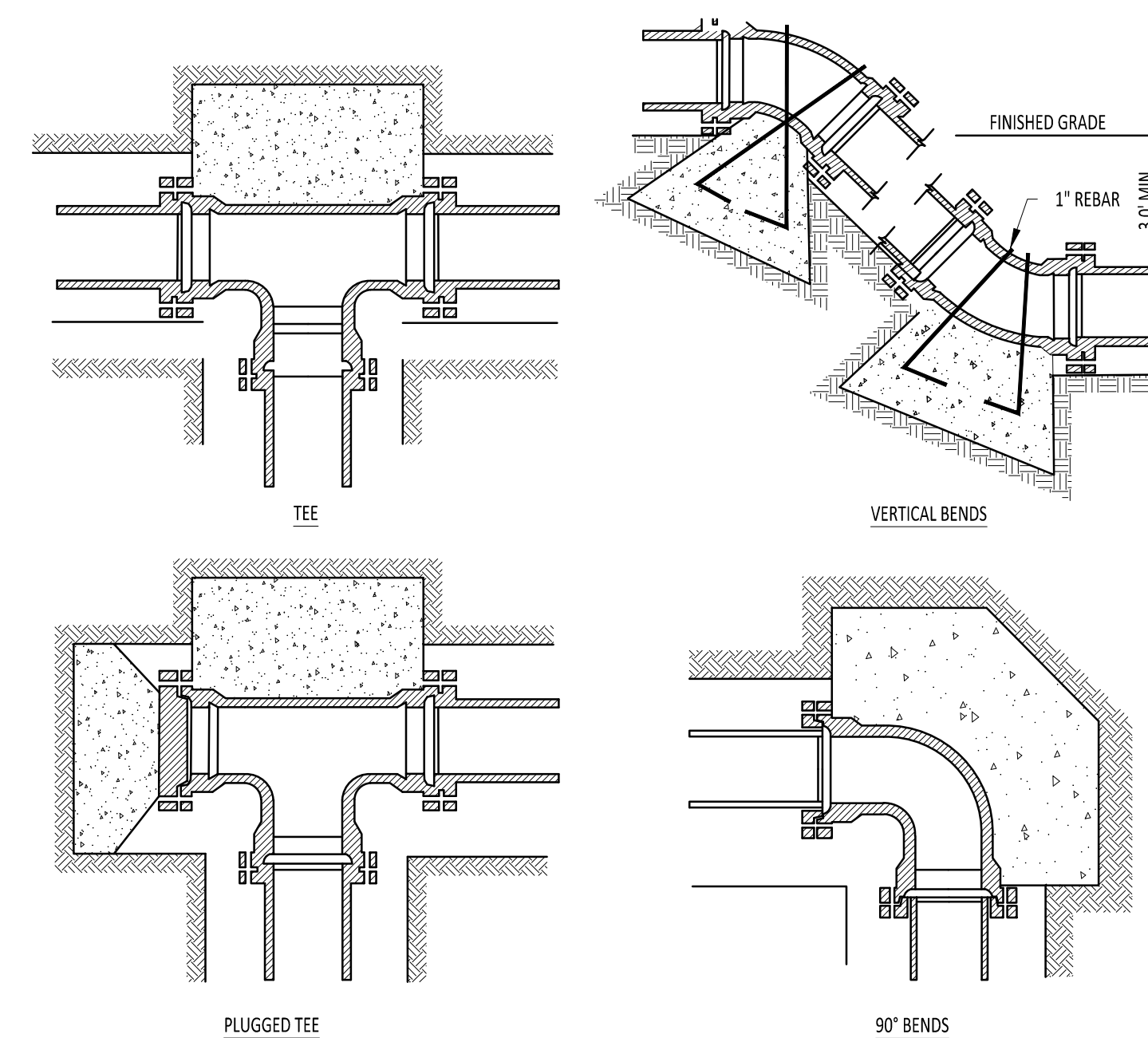
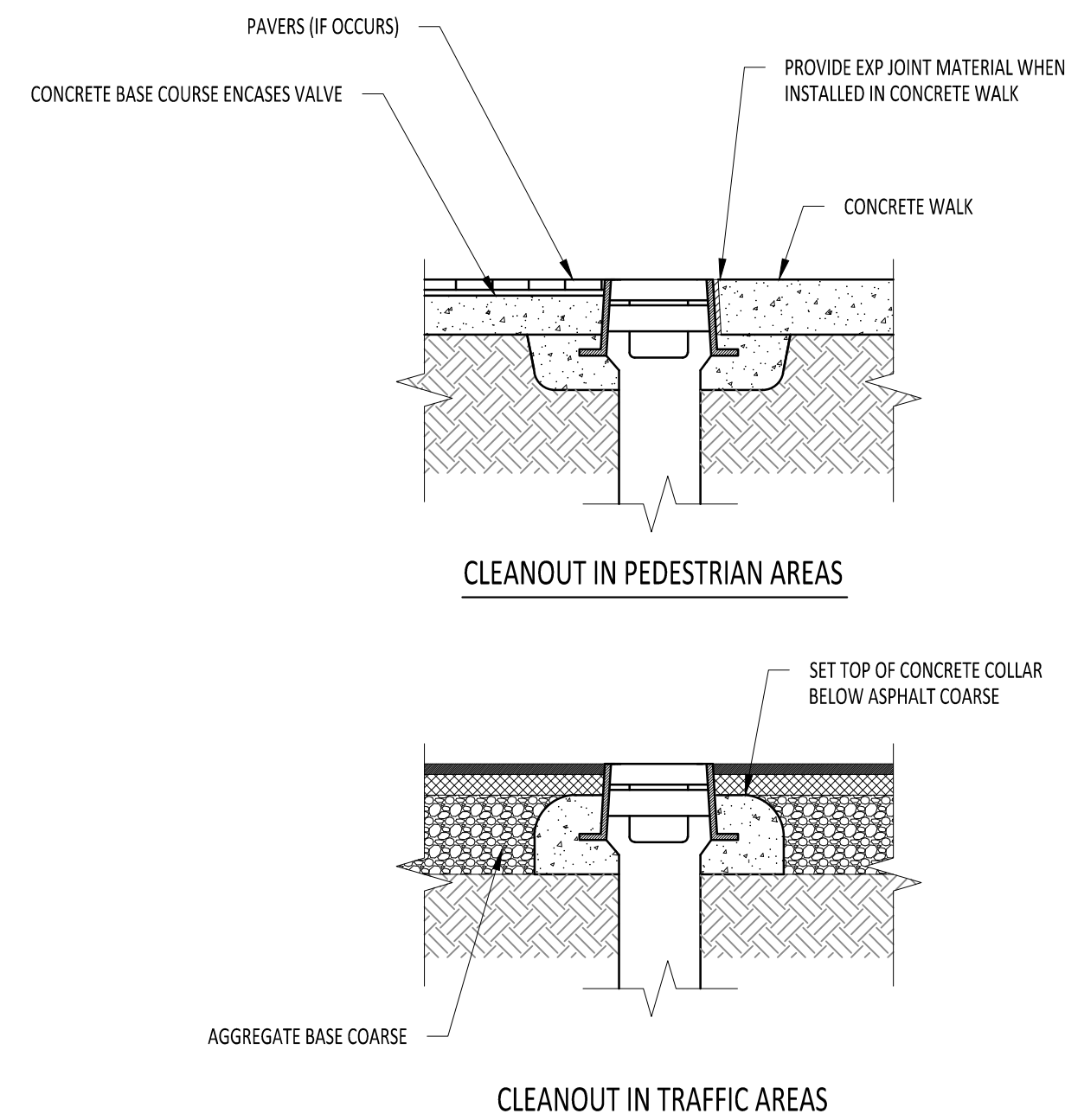
2 TYPICAL PIPE BEDDING DETAIL  
C205 SCALE: NOT TO SCALE



- NOTE:
- FOR TRENCHES REQUIRING SHORING & BRACING, DIMENSIONS SHALL BE TAKEN FROM THE INSIDE FACE OF THE SHORING & BRACING.
  - INITIAL BACKFILL SHALL BE SIMILAR MATERIAL TO PIPE BEDDING MATERIAL LISTED IN THE PROJECT SPECIFICATIONS.
  - FINAL BACKFILL SHALL BE PER THE PROJECT SPECIFICATIONS. TRENCHES SHALL BE CAPPED WITH WITH A NON EXPANSIVE LEAN CLAY MATERIAL TO MINIMIZE WATER INTRUSION AT PIPE TRENCHES.



3 CLEANOUT DETAILS  
C205 SCALE: NOT TO SCALE



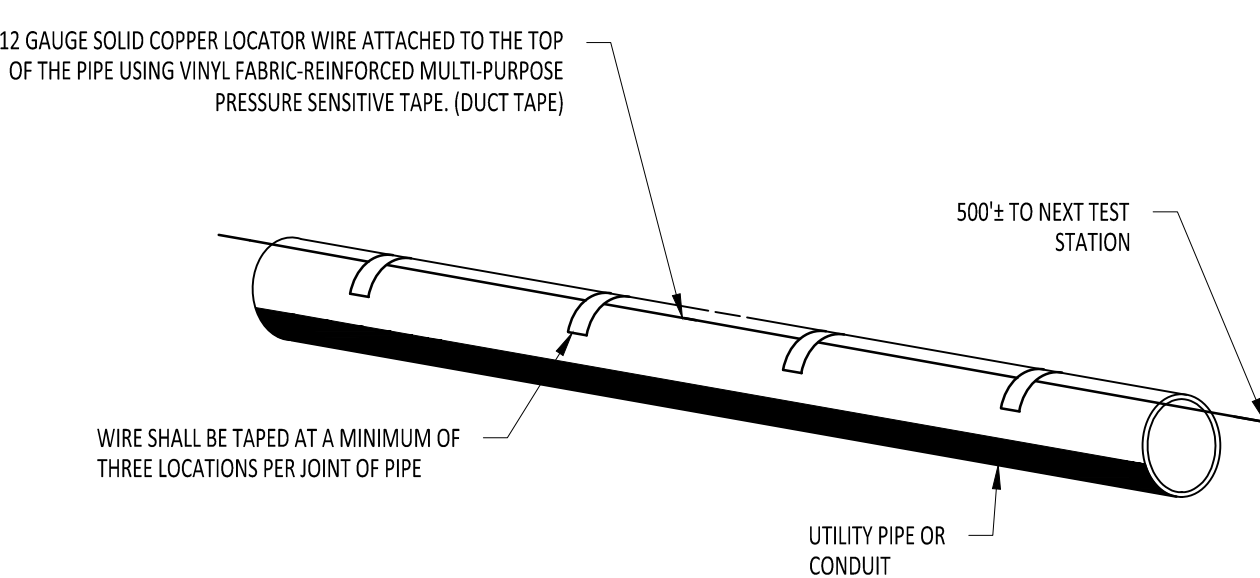
NOMINAL PIPE DIAMETER (IN.)	DEAD END OR TEE	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
4	2.0	2.0	2.0	2.0	2.0
6	2.0	2.0	2.0	2.0	2.0
8	3.0	3.0	2.0	2.0	2.0
12	5.0	6.0	4.0	3.0	3.0
16	8.0	12.0	6.0	4.0	4.0

4	—	—	6.0 (2.2)	4.0 (1.5)	4.0 (1.5)
6	—	—	14.0 (5.2)	6.0 (2.2)	4.0 (1.5)
8	—	—	27.0 (10.0)	9.0 (3.3)	6.0 (2.2)
12	—	—	68.0 (2.5)	22.0 (8.0)	9.0 (3.3)
16	—	—	90.0 (3.33)	52.0 (1.9)	18.0 (6.7)

Volume of blocks including soil load CU.FT. (CU.YDS.)

5 THRUST BLOCKS FOR WATER MAINS  
C205 SCALE: 1"=1'-0"



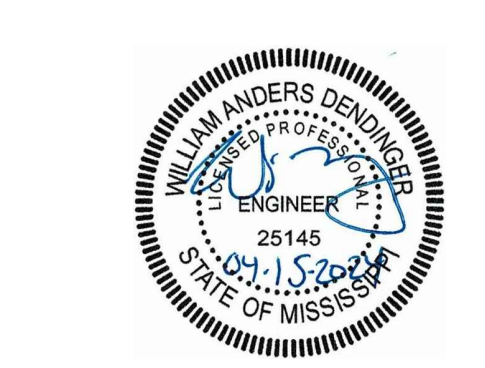
4 LOCATOR WIRE INSTALLATION  
C205 SCALE: 1/2"=1'-0"

Revisions:

NO.	DATE	BY	DESCRIPTION
1		STEWART	
2		21007	
3		04.15.2024	

Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: RMC  
Checked: WAD

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## STRUCTURAL GENERAL NOTES

### GENERAL NOTES:

- CONTRACT DOCUMENTS
  - THESE NOTES ARE NOT INTENDED TO REPLACE THE PROJECT SPECIFICATIONS.
  - THE STRUCTURAL DRAWINGS ARE PART OF THE CONTRACT DOCUMENTS AND DO NOT BY THEMSELVES PROVIDE ALL THE INFORMATION REQUIRED TO PROPERLY COMPLETE THE PROJECT STRUCTURE. THE GENERAL CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, CIVIL, MECHANICAL AND ELECTRICAL DRAWINGS AND COORDINATE THE INFORMATION CONTAINED IN THESE DRAWINGS WITH THE STRUCTURAL DRAWINGS TO PROPERLY CONSTRUCT THE PROJECT.
  - REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS, DEPRESSIONS, FINISHES, INSERT BOLTS SETTINGS, DRAINS, REGLETS, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS.
  - BEFORE ORDERING ANY MATERIALS OR PERFORMING ANY WORK, THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS TO PROPERLY SIZE OR FIT THE WORK. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED BY THE OWNER RESULTING FROM THE CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.
  - DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH AFFECTED WORK.
  - THE ENGINEER HAS PREPARED AND FURNISHED THESE CONTRACT DOCUMENTS TO THE OWNER FOR USE ON THIS PROJECT ONLY. THESE PROJECT DOCUMENTS SHALL NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ANY OTHER PROJECT. ANY REUSE OF THESE DRAWINGS, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE USER'S SOLE RISK AND THE USER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.
- SECTIONS AND DETAILS - ALL DETAILS, SECTIONS AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS OTHERWISE SHOWN.
- COORDINATION
  - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN WITH ARCHITECTURAL DRAWINGS BEFORE BEGINNING WORK. ANY DISCREPANCY SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT AND WORK SHALL NOT BEGIN UNTIL DISCREPANCY IS RESOLVED.
  - THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.
  - IT IS EXPECTED THAT THE GENERAL CONTRACTOR IS EXPERIENCED IN THE TYPE OF CONSTRUCTION REQUIRED AND THEREFORE, IT IS EXPECTED THAT THE GENERAL CONTRACTOR WILL COORDINATE THESE DRAWINGS WITH APPLICABLE ARCHITECTURAL, CIVIL, AND M/E/P DRAWINGS. THE CONSTRUCTION DOCUMENTS CONSIST OF THE ENTIRE SET OF DRAWINGS AND SPECIFICATIONS FROM ALL DISCIPLINES. THE ABOVE REFERENCED COORDINATION SHALL BE PERFORMED PRIOR TO ORDERING FABRICATION AND CONSTRUCTION OF ANY ELEMENT. NOTIFY THE ARCHITECT OF ANY CONFLICT OR OMISSION. WORK SHALL NOT BEGIN UNTIL DISCREPANCY IS RESOLVED.

### DESIGN CRITERIA:

- GENERAL BUILDING CODE: INTERNATIONAL BUILDING CODE, 2015 EDITION
  - OTHER CODES AND STANDARDS REFERENCED IN THE IBC '15 AND IN THE STRUCTURAL DRAWINGS SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS TO THE PRESCRIBED EXTENT OF EACH REFERENCE.
- DEAD LOADS:
  - SELF WEIGHT OF STRUCTURE
  - HANGING M/E/P 10 PSF
- LIVE LOADS:
  - ROOF 20 PSF
  - FIRST FLOOR 100 PSF
- GROUND SNOW LOAD: 0 PSF
- WIND DESIGN:
  - ULTIMATE DESIGN WIND SPEED,  $V_{ult}$  122 MPH
  - RISK CATEGORY III
  - EXPOSURE CATEGORY B
  - INTERNAL PRESSURE COEFFICIENT ±0.18
- EARTHQUAKE DESIGN:
  - IMPORTANCE FACTOR 1.25
  - MAPPED SPECTRAL ACCEL. - SHORT PERIOD,  $S_s$  0.122
  - MAPPED SPECTRAL ACCEL. - 1 SEC. PERIOD,  $S_1$  0.072
  - SITE CLASS D
  - DESIGN SPECTRAL ACCEL. - SHORT PERIOD,  $S_{0.5}$  0.131
  - DESIGN SPECTRAL ACCEL. - 1 SEC. PERIOD,  $S_{0.1}$  0.115
  - SEISMIC DESIGN CATEGORY B
- THE GENERAL CONTRACTOR SHALL SUBMIT ACTUAL WEIGHTS OF MECHANICAL EQUIPMENT TO BE USED IN THE PROJECT TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOADS USED IN THE DESIGN AT LEAST THREE WEEKS PRIOR TO FABRICATION AND CONSTRUCTION OF THE SUPPORTING STRUCTURE.

### FOUNDATION:

- THE FOUNDATION DESIGN IS BASED UPON THE REPORT OF GEOTECHNICAL EXPLORATION FOR ADDITIONS TO BROOKHAVEN NURSING HOME IN BROOKHAVEN, MS BY LADNER TESTING, INC (PROJECT NO. 002-23-A) AND W GEOTECHNICAL AND TESTING, INC (PROJECT NO G-1277X) DATED JANUARY 24, 2023.
- ALLOWABLE SOIL BEARING PRESSURE FOR ALL SHALLOW FOUNDATION ELEMENTS IS 2,000 PSF.
- THE CONTRACTOR SHALL READ THE SOILS REPORT REFERENCED ABOVE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL SITE AND SUBGRADE PREPARATION RECOMMENDATIONS CONTAINED THEREIN. ALL SITE PREPARATION AND EXCAVATION IS TO BE PERFORMED IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF THE SOILS AND FOUNDATIONS INVESTIGATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION, SHORING, UNDERPINNING, BRACING, ISOLATION, ETC. OF ALL EXISTING CONDITIONS AS REQUIRED TO PREVENT ANY DISTURBANCE TO EXISTING CONDITIONS AS A RESULT OF THIS WORK.

### CONCRETE:

- ALL CONCRETE WORK SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI318-14) AND AS MODIFIED BY IBC '15.
- CONCRETE SHALL ATTAIN THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS:
 

SPREAD FOOTINGS .....	4,000 PSI
SLABS ON GRADE, GRADE BEAMS .....	4,000 PSI
- PROVIDE ALL NECESSARY REINFORCING STEEL ACCESSORIES TO HOLD BARS IN PROPER POSITION.
- ALL REINFORCEMENT SHALL HAVE A MINIMUM YIELD STRESS OF 60 KSI.
- WHERE NOT SPECIFICALLY COVERED, REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH ACI STANDARD 315.
- PROVIDE CORNER BARS OF THE SAME SIZE AND NUMBER AS HORIZONTAL BARS AT ALL CORNERS AND T-INTERSECTIONS.
- UNLESS NOTED OTHERWISE, LAP ALL BARS AT CORNERS, SPLICES, AND INTERSECTIONS IN ACCORDANCE WITH CURRENT ACI 318 AND CRSI REQUIREMENTS. ALL HOOKS SHOWN IN REINFORCEMENT SHALL BE CRSI RECOMMENDED HOOKS UNLESS NOTED OTHERWISE.
- FIELD WELDING OF REINFORCEMENT IS PROHIBITED, UNLESS SPECIFICALLY DETAILED ON DRAWINGS.
- SUBMIT REINFORCING SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
- CONCRETE REINFORCING LAP LENGTHS SHALL BE AS FOLLOWS:

BAR SIZE	TOP	OTHER
#3	2'-0"	1'-7"
#4	2'-8"	2'-1"
#5	3'-4"	2'-7"
#6	4'-0"	3'-1"
#7	5'-10"	4'-6"
#8	6'-8"	5'-2"

### STRUCTURAL STEEL:

- ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC CODE.
- ALL SHOP AND FIELD WELDING SHALL BE PERFORMED BY WELDERS QUALIFIED, AS DESCRIBED IN "AMERICAN WELDING SOCIETY'S STANDARD QUALIFICATION PROCEDURE" (AWS D1.1), TO PERFORM THE TYPE OF WORK REQUIRED.
- ALL WELDING RODS SHALL BE E70XX ELECTRODES.
- ALL CONNECTIONS SHALL BE BOLTED WITH A325 HIGH STRENGTH BOLTS OR WELDED (UNLESS SHOWN OTHERWISE ON THE DRAWINGS).
- ALL WIDE FLANGE AND WT SHAPES SHALL BE ASTM A992.
- ALL HSS SHAPES SHALL BE ASTM A500, GRADE B ( $F_y = 46$  KSI).
- ALL THREADED RODS SHALL BE ASTM A193 GRADE B.
- ALL PIPE SHALL BE ASTM A53 GRADE B OR A507.
- STEEL CHANNELS, PLATES & ANGLES SHALL BE ASTM A36 OR BETTER.
- CONNECTIONS NOT SPECIFICALLY DETAILED SHALL BE OF SUFFICIENT CAPACITY TO FULLY DEVELOP THE CONNECTED MEMBERS.

### METAL DECK:

- STEEL ROOF DECK SHALL BE: 1 1/2", 22 GA, TYPE "B" ROOF DECK,  $F_y = 33$  KSI, GALVANIZED (G90), THREE SPAN MINIMUM. MANUFACTURER SHALL BE A MEMBER OF THE STEEL DECK INSTITUTE. ROOF DECK SHALL COMPLY WITH STEEL DECK INSTITUTE STANDARDS.
- SEE DIAPHRAGM FASTENING SCHEDULE FOR FASTENER SPACING REQUIREMENTS. WHERE WELDS ARE REQUIRED FOR DIAPHRAGM FASTENING, WELD WASHERS SHALL BE USED.

DIAPHRAGM FASTENING SCHEDULE			
MARK	DECK TYPE	CONNECTIONS	
		@ SUPPORTS	@ SIDELAPS
ROOF	1.5B, 22 GA, ROOF DECK	5/8" PUDDLE WELDS, 36/7 PATTERN	#10 TEK SCREWS @ 12" O.C.

NOTE: SUBSTITUTE #10 SELF-DRILLING SCREWS W/ HEX WASHER HEADS FOR PUDDLE WELDS WHERE ATTACHMENT IS TO LIGHT GAUGE FRAMING.

SUBSTITUTE #10 SELF-PIERCING WOOD SCREWS W/ HEX WASHER HEADS FOR PUDDLE WELDS WHERE ATTACHMENT IS TO WOOD FRAMING.

### STEEL LINTELS:

- UNLESS SHOWN OTHERWISE, THE FOLLOWING LOOSE LINTEL SCHEDULE SHALL BE USED. PROVIDE A MINIMUM OF 8" BEARING.

CLEAR OPENING	REQ'D LINTEL
0" TO 4'-0"	L6x4x5/16 (LLH)
4'-1" TO 6'-0"	L6x4x3/8 (LLH)
6'-1" TO 8'-0"	L6x6x3/8

- ALL LOOSE LINTELS SHALL HAVE A 6-INCH HORIZONTAL LEG.
- ATTACH LINTELS WITH 3/8" DIA LAG SCREWS IN VERTICALLY SLOTTED HOLES @ 48" O.C. AND AT EACH END.

### WOOD FRAMING AND TRUSSES:

- COMPLETE SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL BEFORE FABRICATION. TRUSS FRAMING, MANUFACTURED WOOD PRODUCTS, CONNECTIONS AND ANCHORAGE SHALL BE DESIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MISSISSIPPI FOR THE LOADS SHOWN ON THE DRAWINGS.
  - PROVIDE BLOCKING/BRIDGING FOR ROOF TRUSSES & MANUFACTURED WOOD PRODUCTS PER MFR REQUIREMENTS.
  - WHERE CONNECTION OF TRUSS TO SUPPORTING MEMBER (WALL, BEAM, ANOTHER TRUSS, ETC.) IS SPECIFIED, TRUSS MFR SHALL VERIFY ADEQUACY OF CONNECTION SHOWN OR PROVIDE A STRONGER CONNECTION IF REQUIRED TO RESIST TRUSS REACTION. CONNECTION SPECIFIED IN THESE DRAWINGS IS MINIMUM ALLOWED. THE APPROPRIATE CONNECTIONS FOR EACH TRUSS SHALL BE CLEARLY INDICATED AND ALL CONNECTOR PRODUCTS SHALL BE SUBMITTED IN TRUSS SHOP DRAWINGS PACKAGE.
- PREMANUFACTURED METAL PLATE CONNECTORS SHALL BE MANUFACTURED BY SIMPSON, OR EQUAL, AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- DIMENSIONAL LUMBER SHALL BE CONSTRUCTED TO SHAPE AND SIZE AS SHOWN ON THE DRAWINGS.
- DIMENSIONAL LUMBER SHALL BE OF SOUTHERN PINE, NO. 2 GRADE.
- MINIMUM ALLOWABLE STRESSES SHALL BE AS SHOWN IN THE 2015 EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" FOR NO. 2 GRADE LUMBER OF SIZES AS SHOWN ON THE DRAWINGS.
- ROOF SHEATHING WITHIN 4 FEET OF A FIRE WALL (AS INDICATED IN THE ARCHITECTURAL DRAWINGS) SHALL BE TREATED WITH A FIRE RETARDANT ON BOTH SIDES OF THE FIRE WALL.
- FASTENERS FOR PRESERVATIVE-TREATED AND FIRE-RETARDANT TREATED WOOD SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL.
- ROOF TRUSSES SHALL BE CONSTRUCTED TO SHAPE AND SIZE AS SHOWN ON THE DRAWINGS.
- FIELD SPLICES OF TRUSSES PERMITTED AT LOCATIONS DESIGNATED BY TRUSS MANUFACTURER. SPLICE CONNECTIONS SHALL BE DESIGNED BY TRUSS MANUFACTURER.
- THE WOOD ROOF TRUSSES & MANUFACTURED WOOD PRODUCTS SHALL BE DESIGNED FOR THE FOLLOWING MINIMUM LOADS IN ADDITION TO BUILDING DEAD LOADS:
 

TOP CHORD LIVE LOAD .....	20 PSF
BOTTOM CHORD LIVE LOAD .....	10 PSF FOR UNINHABITABLE ATTICS WITHOUT STORAGE
BOTTOM CHORD DEAD LOAD .....	20 PSF FOR UNINHABITABLE ATTICS WITH STORAGE
WIND LOAD .....	122 MPH

 (PRESSURES AND UPLIFT PER BUILDING CODE ARE THE RESPONSIBILITY OF THE DESIGNER)
- MANUFACTURED ENGINEERED WOOD PRODUCTS SHALL BE BY WEYERHAEUSER TJI, TIMBERSTRAND, PARALLAM, AND MICROLAM.

### COLD-FORMED STRUCTURAL FRAMING:

- THE STRUCTURAL FRAMING AND ITS INSTALLATION SHALL BE IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STRUCTURAL MEMBERS", LATEST EDITION.
- THE COLD-FORMED STRUCTURAL FRAMING AND ACCESSORIES SHALL BE MANUFACTURED FROM ASTM A1003 STEEL HAVING MINIMUM YIELD STRENGTH OF 33 KSI FOR MEMBERS LESS THAN OR EQUAL TO 43 (18 GA) IN THICKNESS AND A MINIMUM YIELD STRENGTH OF 50 KSI FOR MEMBERS GREATER THAN OR EQUAL TO 54 MILS (18 GA) IN THICKNESS. ALL COLD-FORMED STRUCTURAL FRAMING AND ACCESSORIES SHALL HAVE A CP 60 PROTECTIVE COATING.
- STRUCTURAL FRAMING MEMBERS SHALL HAVE ENGINEERING PROPERTIES CALCULATED IN CONFORMANCE WITH THE AISI "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" AND HAVE MINIMUM PROPERTIES AS PUBLISHED BY CLARKDIETRICH BUILDING SYSTEMS.
- STRUCTURAL FRAMING MEMBERS SHALL BE PROPERLY SPACED, PLUMBED, LEVELED, SQUARED, FIT PROPERLY AGAINST ABUTTING MEMBERS AND HELD SECURELY IN PLACE UNTIL PERMANENTLY FASTENED. WIRE TYING OF STRUCTURAL FRAMING MEMBERS IS NOT PERMITTED.
- FASTENING OF STRUCTURAL FRAMING MEMBERS SHALL BE ACCOMPLISHED BY SCREWS, POWDER ACTUATED FASTENERS, WELDING, OR A COMBINATION OF METHODS. THE TYPE, SIZE AND SPACING OF THE FASTENERS SHALL BE AS REQUIRED BY THE CONTRACT DOCUMENTS OR APPROVED CONNECTION DETAILS.
- FASTENERS FOR COLD-FORMED METAL FRAMING CONSTRUCTION SHALL BE STAINLESS STEEL, SELF-DRILLING TEK FASTENERS. MINIMUM YIELD STRENGTH,  $F_y$ , SHALL BE 92 KSI. SIZE AND NUMBER SHALL BE AS INDICATED ON DRAWINGS CREWS
- STRUCTURAL FRAMING MEMBERS HAVING PROTECTIVE COATING REMOVED BY WELDING SHALL HAVE THE COATING REPAIRED, AT THE WELDS, BY PAINTING WITH A ZINC RICH PRIMER.
- COLD-FORMED FRAMING MEMBERS SHALL HAVE ENDS SQUARELY CUT BY SHEARING OR SAWING, BE INSTALLED PLUMB, SQUARE, TRUE TO LINE AND SECURELY FASTENED PER THE CONTRACT DOCUMENTS OR APPROVED CONNECTION DETAILS.
- COLD-FORMED MEMBERS, WHEN SET TO ADJACENT STRUCTURES, SHALL HAVE WEB CONTACT WITH A UNIFORM AND LEVEL BEARING SURFACE AND BE SECURELY ANCHORED WITH FASTENERS, SIZED AND SPACED PER THE CONTRACT DOCUMENTS OR APPROVED CONNECTION DETAILS.
- STRUCTURAL MEMBERS ARE NOT PERMITTED TO HAVE SPLICES OR CUTOUTS IN THE FLANGES.
- TEMPORARY BRACING OF FRAMING SHALL BE PROVIDED AS REQUIRED AND REMOVED ONLY AFTER THE FRAMING HAS BEEN SECURED WITH PERMANENT SUPPORT.

SHEET LIST	
SHEET	DESCRIPTION
S001	STRUCTURAL GENERAL NOTES
S002	STRUCTURAL QUALITY ASSURANCE PLAN
S101	OVERALL FOUNDATION PLAN
S111	FOUNDATION PLAN - D, E & F
S112	FOUNDATION PLAN - A, B & C
S116	ADDITION FOUNDATION PLAN - NORTH WING
S117	ADDITION FOUNDATION PLAN - SOUTH WING
S118	CANOPY PLANS
S120	OVERALL ROOF FRAMING PLAN
S121	ROOF FRAMING PLAN - D, E & F
S122	ROOF FRAMING PLAN - A, B & C
S123	HI ROOF FRAMING PLAN - CLERESTORY
S126	ADDITION ROOF FRAMING PLAN - NORTH WING
S127	ADDITION ROOF FRAMING PLAN - SOUTH WING
S201	FOUNDATION DETAILS
S202	FOUNDATION DETAILS
S203	FOUNDATION DETAILS
S301	TYPICAL WOOD WALL DETAILS
S401	TYPICAL STEEL DETAILS
S501	FRAMING DETAILS
S502	FRAMING DETAILS
S503	FRAMING DETAILS
S504	FRAMING DETAILS
S505	FRAMING DETAILS
S506	FRAMING DETAILS
S507	CANOPY FRAMING DETAILS



Revisions:

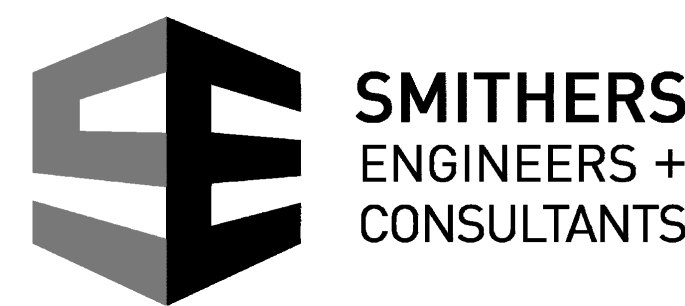
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STEWART	21007	KTC
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Date:	KTC	CAS
Drawn:	KTC	CAS
Checked:	KTC	CAS

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ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN  
 525 BROOKMAN DR, BROOKHAVEN, MS 39601



STRUCTURAL  
GENERAL NOTES



S001



# STRUCTURAL QUALITY ASSURANCE PLAN

## STRUCTURAL QUALITY ASSURANCE PLAN:

1. THE STRUCTURAL QUALITY ASSURANCE PLAN DEFINES THE RESPONSIBILITIES OF THE SPECIAL INSPECTOR, THE RESPONSIBILITIES OF THE CONTRACTOR, AND THE STATEMENT OF SPECIAL INSPECTIONS, WHICH DEFINES THE SCOPE OF STRUCTURAL TESTING AND INSPECTION THAT IS REQUIRED FOR THIS PROJECT.
2. REFER TO OTHER PORTIONS OF THE CONSTRUCTION DOCUMENTS FOR SPECIAL INSPECTIONS REQUIRED OF ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL, OR OTHER BUILDING COMPONENTS.

## SPECIAL INSPECTOR RESPONSIBILITIES:

1. SPECIAL INSPECTOR SHALL MAINTAIN RECORDS OF INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF THE BUILDING CODE AND SHALL DISTRIBUTE THESE RECORDS TO THE BUILDING OFFICIAL, ARCHITECT, AND STRUCTURAL ENGINEER ON A WEEKLY BASIS, UNLESS NOTED OTHERWISE BELOW. REPORTS SHALL INDICATE THAT WORK INSPECTED/TESTED WAS DONE IN CONFORMANCE TO THE CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL, ARCHITECT, AND STRUCTURAL ENGINEER PRIOR TO COMPLETION OF THAT PHASE OF THE WORK.
2. AT THE CONCLUSION OF THE PROJECT, THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS.
3. SPECIAL INSPECTOR WILL BE HIRED BY THE OWNER.
4. STRUCTURAL OBSERVATION BY A REGISTERED DESIGN PROFESSIONAL SHALL BE CONDUCTED IN ACCORDANCE WITH CHAPTER 17 OF THE IBC.

## CONTRACTOR RESPONSIBILITIES:

1. CONTRACTOR SHALL SUBMIT TO THE BUILDING OFFICIAL, OWNER, AND THE ENGINEER A WRITTEN STATEMENT OF RESPONSIBILITY THAT CONTAINS THE FOLLOWING:
  - A. ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.
  - B. ACKNOWLEDGMENT THAT CONTROL SHALL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.
  - C. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING, AND THE DISTRIBUTION OF REPORTS.
  - D. IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.
2. CONTRACTOR SHALL PAY FOR ANY ADDITIONAL STRUCTURAL TESTING/ INSPECTION REQUIRED FOR WORK OR MATERIALS NOT COMPLYING WITH THE CONSTRUCTION DOCUMENTS DUE TO NEGLIGENCE OR NONCONFORMANCE AND SHALL PAY FOR ANY ADDITIONAL STRUCTURAL TESTING/INSPECTION REQUIRED FOR HIS CONVENIENCE.
3. CONTRACTOR IS RESPONSIBLE TO REQUEST THAT THE SPECIAL INSPECTOR BE PRESENT FOR ALL WORK REQUIRING SPECIAL INSPECTION. ANY WORK THAT REQUIRES SPECIAL INSPECTION AND IS PERFORMED WITHOUT THE SPECIAL INSPECTOR BEING PRESENT IS SUBJECT TO BEING DEMOLISHED AND RECONSTRUCTED AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR HAS THE FOLLOWING RESPONSIBILITIES TO THE SPECIAL INSPECTOR:
  - A. PROVIDE COPY OF CONSTRUCTION DOCUMENTS TO SPECIAL INSPECTOR.
  - B. NOTIFY SPECIAL INSPECTOR SUFFICIENTLY IN ADVANCE OF OPERATIONS TO ALLOW ASSIGNMENT OF PERSONAL AND SCHEDULING OF TESTS.
  - C. COOPERATE WITH SPECIAL INSPECTOR AND PROVIDE ACCESS TO WORK.
  - D. PROVIDE SAMPLES OF MATERIALS TO BE TESTED IN REQUIRED QUANTITIES.
  - E. PROVIDE STORAGE SPACE FOR SPECIAL INSPECTOR'S EXCLUSIVE USE, SUCH AS FOR STORING AND CURING CONCRETE TESTING SAMPLES.
  - F. PROVIDE LABOR AND EQUIPMENT AS REQUIRED TO ASSIST SPECIAL INSPECTOR IN PERFORMING TESTS/INSPECTIONS.

## STATEMENT OF SPECIAL INSPECTIONS:

1. CONTRACTOR SHALL PERFORM THE ITEMS NOTED WITHIN THIS STATEMENT OF SPECIAL INSPECTIONS AND THE PROJECT SPECIFICATIONS. SPECIAL INSPECTOR SHALL PERFORM THE FOLLOWING TESTS AND INSPECTIONS OF ALL STRUCTURAL ELEMENTS INCLUDED WITHIN THIS STATEMENT FOR SPECIAL INSPECTIONS.
2. THE FOLLOWING ELEMENTS ARE PART OF THE LATERAL-FORCE-RESISTING SYSTEM AND REQUIRE SPECIAL INSPECTIONS OR TESTING:
  - A. ALL ROOF DIAPHRAGMS
  - B. SHEAR WALLS
  - C. STEEL FRAMES
  - D. ALL FOUNDATIONS

## INSPECTION OF FABRICATORS:

1. WHERE FABRICATION OF STRUCTURAL LOAD-BEARING MEMBERS AND ASSEMBLIES IS BEING PERFORMED ON THE PREMISES OF A FABRICATOR'S SHOP, SPECIAL INSPECTION OF THE FABRICATED ITEMS SHALL BE REQUIRED AS NOTED UNDER "STRUCTURAL STEEL" AND AS REQUIRED ELSEWHERE IN THE IBC. THE SPECIAL INSPECTOR SHALL:
  - A. VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM TO THE APPROVED CONTRACT DOCUMENTS AND REFERENCED STANDARDS.
  - B. REVIEW THE PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CONTRACT REQUIREMENTS FOR THE FABRICATOR'S SCOPE OF WORK.
2. SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION.
  - A. APPROVAL SHALL BE BASED UPON REVIEW OF THE FABRICATOR'S WRITTEN PROCEDURAL AND QUALITY CONTROL MANUALS AND PERIODIC AUDITING OF FABRICATION PRACTICES BY AN APPROVED SPECIAL INSPECTION AGENCY.
  - B. AT COMPLETION OF FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL AND TO THE ENGINEER OF RECORD STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

## SOILS:

1. CONTRACTOR SHALL PERFORM THE FOLLOWING:
  - A. IDENTIFY SOILS TO BE USED AS COMPACTED FILL.
2. SPECIAL INSPECTOR SHALL PERFORM THE FOLLOWING:
  - A. PROVIDE CONTINUOUS INSPECTION TO VERIFY COMPLIANCE OF THE FOLLOWING:
    - (1) USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL. DETERMINE PARTICLE SIZE, LIQUID LIMIT, PLASTIC LIMIT, PLASTICITY INDEX AND MAXIMUM DENSITY OF EACH TYPE OF SOIL.
    - (2) AS A MINIMUM, PERFORM ONE TEST PER LIFT FOR EVERY 2,500 SQUARE FEET OF FILL PLACED.
  - B. PROVIDE PERIODIC INSPECTION TO VERIFY COMPLIANCE OF THE FOLLOWING:
    - (1) CLASSIFICATION AND TESTING OF COMPACTED FILL.
    - (2) PROPER PREPARATION OF SUBGRADE (PROOFROLLING, ETC.) PRIOR TO PLACEMENT OF COMPACTED FILL.
    - (3) FOUNDATION BEARING CAPACITY AT PROPER DEPTH AND ON PROPER MATERIAL.
    - (4) DETERMINE QUANTITIES OF MATERIAL REMOVED AND QUANTITIES OF MATERIAL PLACED WHERE UNIT PRICES ARE INVOLVED.

## CAST-IN-PLACE CONCRETE:

(SEE CAST-IN-PLACE CONCRETE & TESTING SPECIFICATIONS FOR ADDITIONAL TESTING & INSPECTION REQUIREMENTS)

1. CONTRACTOR SHALL PERFORM THE FOLLOWING:
  - A. ESTABLISH CONCRETE MIX DESIGN PROPORTIONS PER ACI 318, CHAPTER 5 AND THE SPECIFICATIONS.
  - B. SUBMIT THREE COPIES OF THE MIX DESIGNS, INCLUDING THE FOLLOWING:
    - (1) TYPE AND QUANTITIES OF MATERIALS.
    - (2) SLUMP.
    - (3) AIR CONTENT.
    - (4) FRESH UNIT WEIGHT.
    - (5) AGGREGATES SIEVE ANALYSIS.
    - (6) DESIGN COMPRESSIVE STRENGTH.
    - (7) LOCATION OF PLACEMENT IN STRUCTURE.
    - (8) METHOD OF PLACEMENT.
    - (9) METHOD OF CURING.
    - (10) SEVEN (7) DAY AND TWENTY-EIGHT (28) DAY COMPRESSIVE STRENGTHS.
2. SPECIAL INSPECTOR SHALL PERFORM THE FOLLOWING:
  - A. PROVIDE PERIODIC INSPECTION TO VERIFY THE COMPLIANCE OF:
    - (1) FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF CONCRETE MEMBERS BEING FORMED.
    - (2) GRADE, QUANTITY, LOCATION, PLACEMENT OF REINFORCING STEEL PRIOR TO CONCRETE PLACEMENT.
    - (3) USE OF SPECIFIC DESIGN MIXES.
    - (4) INSTALLATION OF EXPANSION, ADHESIVE, OR SCREW ANCHORS IN HARDENED CONCRETE.
    - (5) MAINTENANCE OF SPECIFIC CURING TEMPERATURE AND TECHNIQUES.
  - B. PROVIDE CONTINUOUS INSPECTION TO VERIFY THE COMPLIANCE OF:
    - (1) CONCRETE PLACEMENT FOR PROPER TECHNIQUES.
    - (2) ANCHOR ROD SIZE, QUANTITY, PLACEMENT, AND EMBEDMENT.
    - (3) AT THE TIME CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.

## WOOD:

1. CONTRACTOR SHALL PERFORM THE FOLLOWING:
  - A. SUBMIT MANUFACTURER'S CERTIFICATE OF COMPLIANCE THAT THE SUPPLIED MATERIALS (LUMBER, SHEATHING PANELS, FASTENERS, ADHESIVE, ETC.) COMPLIES WITH THE CONSTRUCTION DOCUMENTS.
2. SPECIAL INSPECTOR SHALL PERFORM THE FOLLOWING:
  - A. CONTINUOUS INSPECTION FOR GLUING OF THE SHEARWALL SHEATHING AND ROOF AND FLOOR DIAPHRAGMS.
  - B. PERIODIC INSPECTION, A MINIMUM OF 20%, OF NAILING, BOLTING, ANCHORING AND OTHER FASTENING COMPONENTS OF THE LATERAL-FORCE-RESISTING SYSTEM, INCLUDING SHEARWALLS AND FLOOR AND ROOF DIAPHRAGMS, WHERE THE FASTENER SPACING OF THE SHEATHING IS 4" OR LESS.

## STRUCTURAL STEEL:

1. CONTRACTOR SHALL PERFORM THE FOLLOWING:
  - A. SUBMIT CERTIFICATION THAT THE FABRICATOR IS REGISTERED AND APPROVED BY THE BUILDING OFFICIAL TO PERFORM REQUIRED WORK WITHOUT SPECIAL INSPECTIONS.
  - B. IF FABRICATOR IS NOT REGISTERED AND APPROVED, SPECIAL INSPECTION OF THE FABRICATED ITEMS SHALL BE REQUIRED. PAYMENT OF THESE TESTS AND INSPECTIONS SHALL BE BY THE FABRICATOR. A MINIMUM OF ONE TRIP PER WEEK IS RECOMMENDED. THE FIRST TRIP SHOULD BE SCHEDULED IN THE EARLY STAGES OF FABRICATION.
    - (1) VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM TO CONSTRUCTION DOCUMENTS.
    - (2) REVIEW THE PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS FOR THE FABRICATOR'S SCOPE OF WORK.
    - (3) EXAMINE MILL TEST REPORTS AND VERIFY THAT MATERIAL BEING USED IS THE SAME AS THE MILL TEST REPORTS.
    - (4) REVIEW THE FABRICATOR'S WRITTEN WELDING PROCEDURES. VERIFY THAT THE FABRICATOR'S WELDING PROCEDURES ARE BEING FOLLOWED. VERIFY THAT WELDERS ARE CERTIFIED WITH CURRENT PAPERS AND THAT THEY DEMONSTRATE PROPER TECHNIQUES.
    - (5) OBSERVE HIGH STRENGTH BOLTING PROCEDURES. VERIFY THAT SHOP INSTALLATION OF HIGH STRENGTH BOLTS CONFORM TO AISC SPECIFICATIONS.
    - (6) EXAMINE JOINT PREPARATION FOR COMPLETE PENETRATION JOINTS. ULTRASONIC TEST (UT) 100% OF THE COMPLETE PENETRATION WELDS.
    - (7) EXAMINE FILLET WELDS FOR PROPER SIZE, PROFILE, THROAT, POROSITY AND END RETURNS.
    - (8) EXAMINE STEEL MEMBERS FOR LAMELLAR TEARING. SPOT CHECK DIMENSIONS AND HOLE SIZES.
    - (9) EXAMINE BOLTED AREAS FOR BURRS.
    - (10) PRIOR TO DELIVERY OF STRUCTURAL STEEL TO THE PROJECT, SUBMIT COPIES OF THE INSPECTION REPORTS TO THE STRUCTURAL ENGINEER.
  - C. SUBMIT MANUFACTURER'S CERTIFICATION THAT THE FOLLOWING COMPLY WITH THE CONSTRUCTION DOCUMENTS:
    - (1) STRUCTURAL STEEL (CERTIFIED MILL TEST REPORTS).
    - (2) ANCHOR RODS, HIGH-STRENGTH BOLTS, NUTS AND WASHERS.
    - (3) WELD FILLER MATERIALS.
    - (4) STUD SHEAR CONNECTORS AND HEADED STUD (COMPLYING WITH AWS D1.1).
2. SPECIAL INSPECTOR SHALL PERFORM THE FOLLOWING:
  - A. INSPECTION OF STEEL FRAMING TO VERIFY COMPLIANCE WITH DETAILS SHOWN ON THE APPROVED CONSTRUCTION DOCUMENTS INCLUDING MEMBER LOCATIONS, BRACING, CONNECTION DETAILS, ETC.
  - B. PROVIDE CONTINUOUS INSPECTION TO VERIFY COMPLIANCE OF THE FOLLOWING:
    - (1) PRE-TENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-THE NUT METHOD WITHOUT MATCH MARKING OR CALIBRATED WRENCH METHOD OF INSTALLATION.
    - (2) COMPLETE AND PARTIAL PENETRATION GROOVE WELDS.
    - (3) MULTI-PASS FILLET WELDS AND SINGLE-PASS FILLET WELDS GREATER THAN 5/16".
  - C. PROVIDE PERIODIC INSPECTION TO VERIFY COMPLIANCE OF THE FOLLOWING:
    - (1) MATERIAL VERIFICATION OF STRUCTURAL STEEL.
    - (2) MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS, AND WASHERS.
    - (3) VERIFICATION OF ANCHOR ROD SIZE, CONFIGURATION, AND EMBEDMENT PRIOR TO PLACEMENT OF CONCRETE.
    - (4) MATERIAL VERIFICATION OF WELD FILLER MATERIAL.
    - (5) VISUALLY INSPECT ALL BOLTED CONNECTIONS IN ACCORDANCE WITH AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS. PRIOR TO VISUAL AND PHYSICAL TESTING, TENSION TESTING USING A CALIBRATION DEVICE (SKIDMORE-WILHELM) MUST INDICATE TENSIONS AT LEAST 5% IN EXCESS OF THE AISC MINIMUM. STRUCTURAL STEEL ERECTOR SHALL SUPPLY THE TENSION CALIBRATION DEVICE. TEST A MINIMUM OF 10% OF THE BOLTED CONNECTIONS.
    - (6) INSPECT ALL FIELD-WELDED CONNECTIONS. VISUAL INSPECTION OF WELDED JOINTS INCLUDES PERIODIC EXAMINATION OF FITUP. VERIFY SIZE OF WELD FOR A MINIMUM OF 10% OF FIELD WELDS.
    - (7) VERIFY STUD SHEAR CONNECTOR AND HEADED STUD SPACING AND LOCATION. VISUALLY INSPECT WELDING.
  - D. WELD INSPECTIONS TO INCLUDE THE FOLLOWING:
    - (1) WELD INSPECTIONS FOR STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH AWS D1.1.
    - (2) WELD INSPECTIONS FOR COLD-FORMED STEEL SHALL BE IN ACCORDANCE WITH AWS D1.3 REQUIREMENTS.
    - (3) REVIEW AND VERIFY COMPLIANCE OF WRITTEN WELDING PROCEDURES WITH AWS REQUIREMENTS.
    - (4) VERIFY THAT WELDING PROCEDURES ARE BEING ADHERED TO DURING FIELD WELDING.
    - (5) VERIFY WELDER QUALIFICATIONS.
    - (6) USE ALL MEANS NECESSARY TO DETERMINE THE QUALITY OF WELDS. THE INSPECTOR MAY USE GAMMA RAY, MAGNAFLUX, TREPANNING, SONICS OR ANY OTHER AID TO VISUAL INSPECTION THAT THE SPECIAL INSPECTOR MAY DEEM NECESSARY TO BE ASSURED OF THE ADEQUACY OF THE WELDING.
    - (7) ULTRASONIC TEST (UT) 100% OF THE COMPLETE PENETRATION WELDS.
    - (8) VERIFY THAT THE INSTALLATION PROCEDURE FOR AUTOMATIC END-WELDED STUD SHEAR CONNECTORS IS IN ACCORDANCE WITH AWS D1.1.
    - (9) KEEP SYSTEMATIC RECORD OF ALL WELDS THAT INCLUDES, IN ADDITION TO OTHER REQUIRED RECORDS, THE IDENTIFICATION MARKS OF WELDERS, A LIST OF DEFECTIVE WELDS, AND THE MANNER OF CORRECTING DEFECTS.

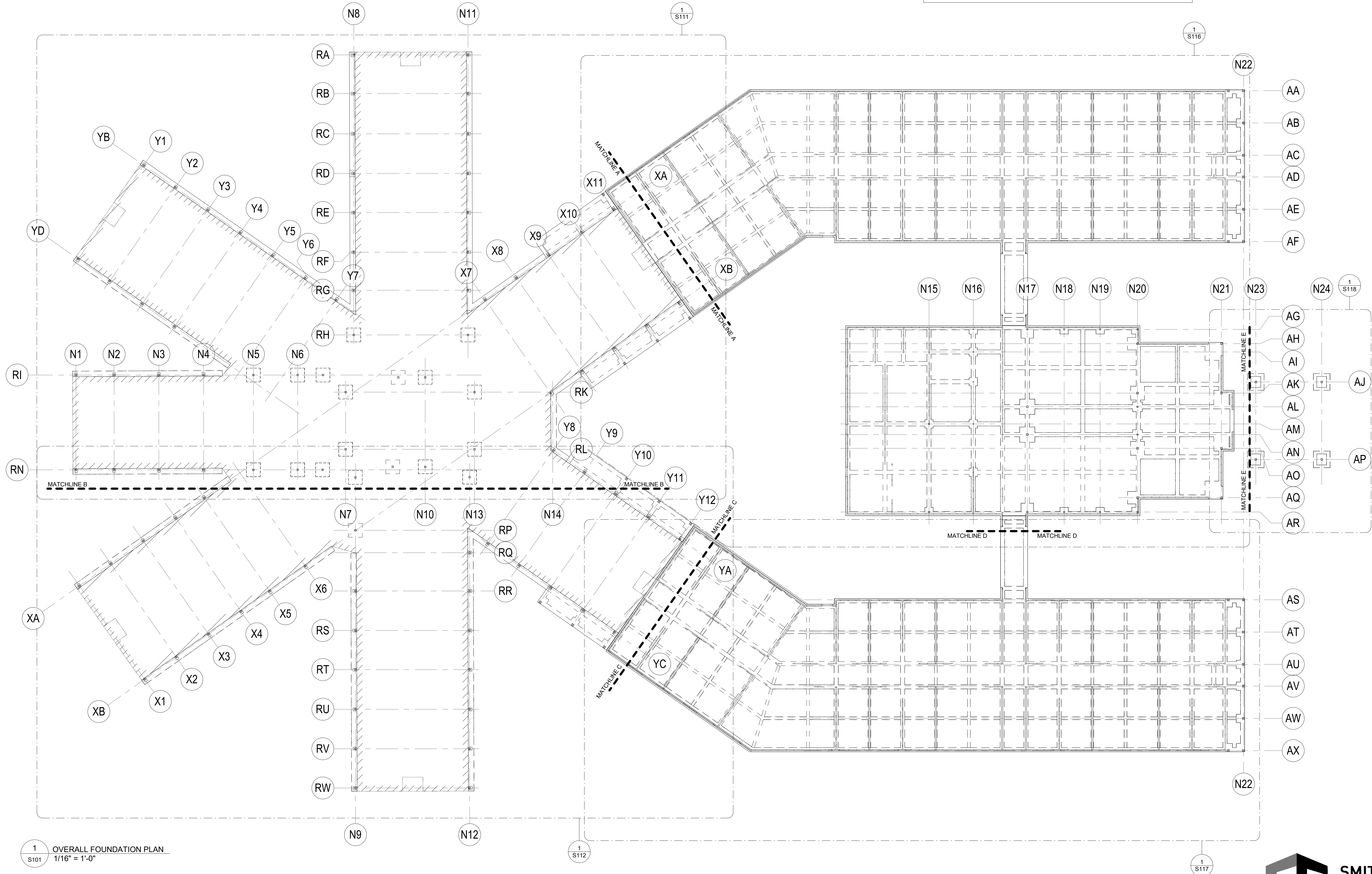
Revisions:	1	2	3
Project Lead:	STEWART	21007	KTC
Project:		04.15.2024	CAS
Date:			
Drawn:			
Checked:			

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THIS SHEET IS FOR PLAN REFERENCES ONLY



1 OVERALL FOUNDATION PLAN  
S101 1/16" = 1'-0"

Revisions:

1	STEWART	21007	KTC	CAS
2		04.15.2024		
3				

Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: KTC  
Checked: CAS

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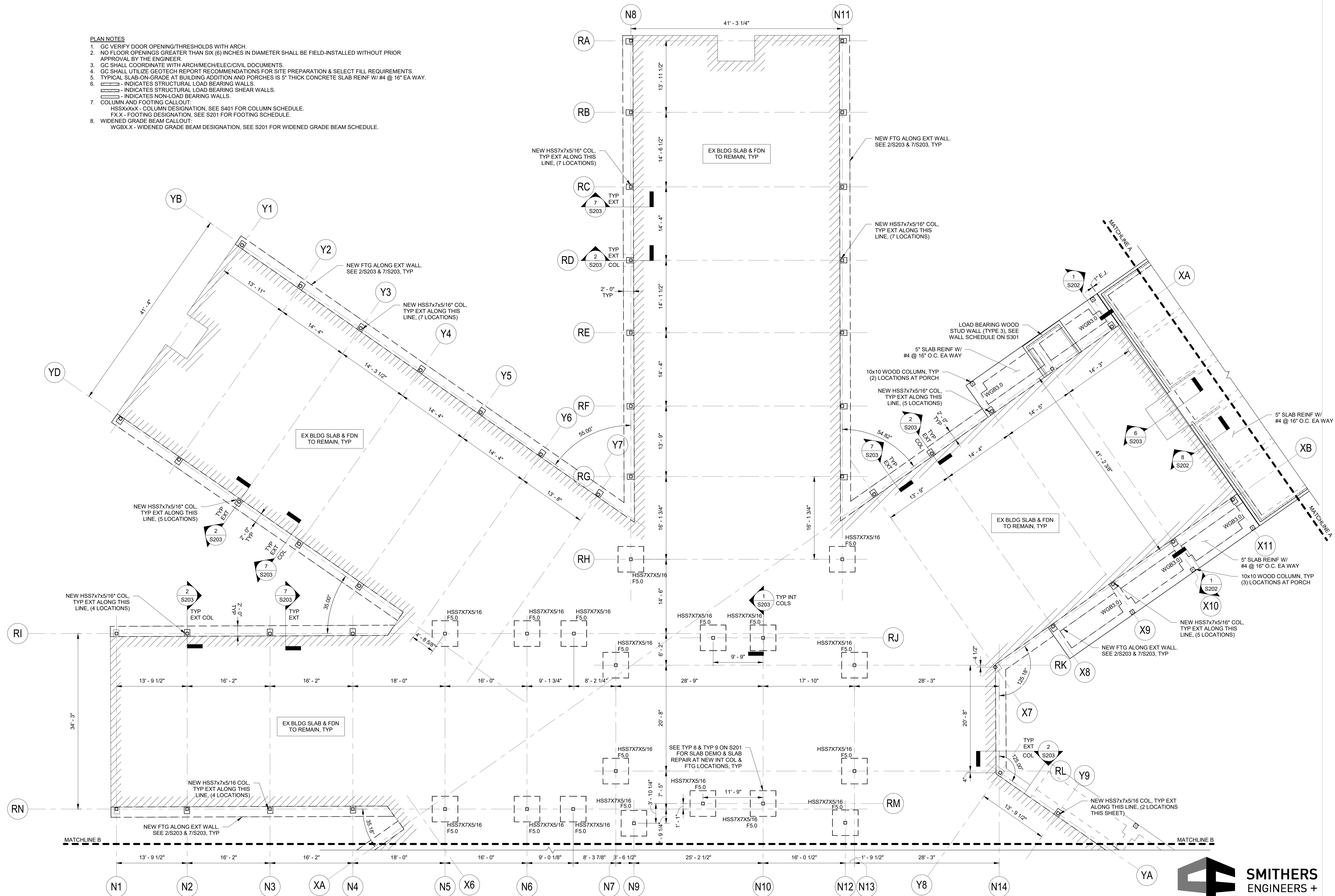
**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR,  
BROOKHAVEN, MS 39601





**PLAN NOTES**

- GC VERIFY DOOR OPENING/THRESHOLDS WITH ARCH.
- NO FLOOR OPENINGS GREATER THAN SIX (6) INCHES IN DIAMETER SHALL BE FIELD-INSTALLED WITHOUT PRIOR APPROVAL BY THE ENGINEER.
- GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
- GC SHALL UTILIZE GEOTECH REPORT RECOMMENDATIONS FOR SITE PREPARATION & SELECT FILL REQUIREMENTS.
- TYPICAL SLAB-ON-GRADE AT BUILDING ADDITION AND PORCHES IS 5" THICK CONCRETE SLAB REINF W/ #4 @ 16" EA WAY.
- INDICATES STRUCTURAL LOAD BEARING WALLS.
- INDICATES STRUCTURAL LOAD BEARING SHEAR WALLS.
- INDICATES NON-LOAD BEARING WALLS.
- COLUMN AND FOOTING CALLOUT:  
HSSxxx - COLUMN DESIGNATION, SEE S401 FOR COLUMN SCHEDULE.  
FX - FOOTING DESIGNATION, SEE S201 FOR FOOTING SCHEDULE.
- WIDENED GRADE BEAM CALLOUT:  
WGBX - WIDENED GRADE BEAM DESIGNATION, SEE S201 FOR WIDENED GRADE BEAM SCHEDULE.



1 FOUNDATION PLAN - D, E & F  
S111 1/8" = 1'-0"

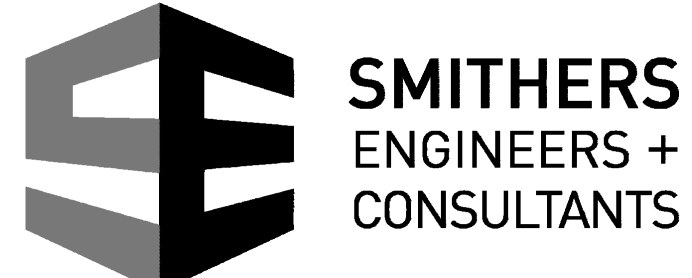
Revisions:	1	STEWART
	2	21007
	3	04.15.2024
Project Lead:		KTC
Project:		CAS
Date:		
Drawn:		
Checked:		

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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR., BROOKHAVEN, MS 39601

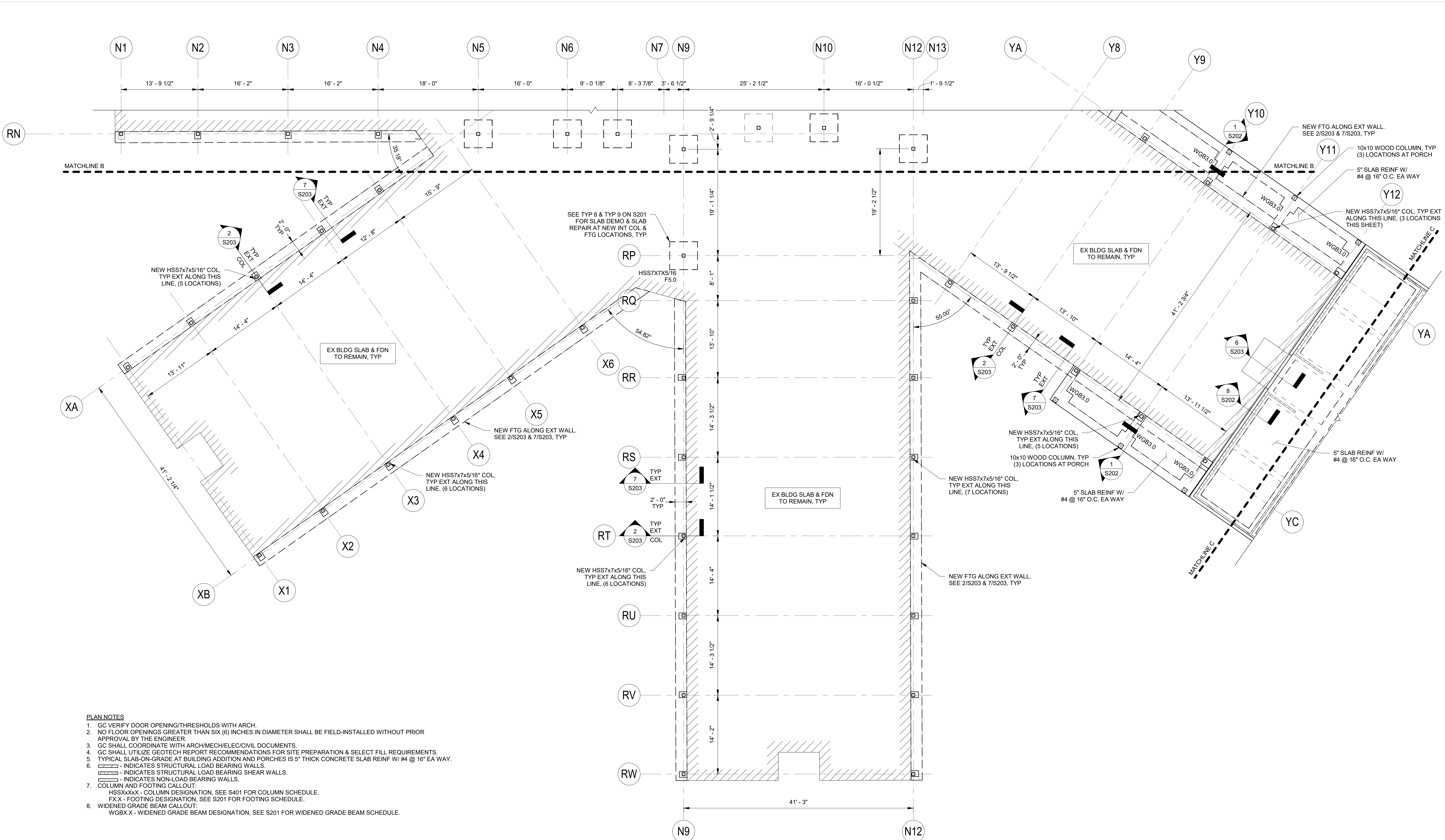


FOUNDATION PLAN - D, E & F



**S111**





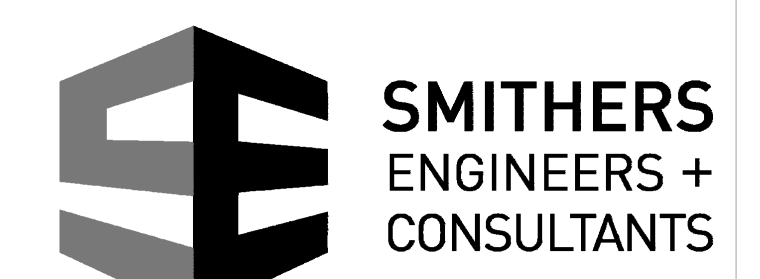
- PLAN NOTES**
- GC VERIFY DOOR OPENING/THRESHOLDS WITH ARCH.
  - NO FLOOR OPENINGS GREATER THAN SIX (6) INCHES IN DIAMETER SHALL BE FIELD-INSTALLED WITHOUT PRIOR APPROVAL BY THE ENGINEER.
  - GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
  - GC SHALL UTILIZE GEOTECH REPORT RECOMMENDATIONS FOR SITE PREPARATION & SELECT FILL REQUIREMENTS.
  - TYPICAL SLAB-ON-GRADE AT BUILDING ADDITION AND PORCHES IS 5" THICK CONCRETE SLAB REINF W/ #4 @ 16" EA WAY.
  - INDICATES STRUCTURAL LOAD BEARING WALLS.
    - INDICATES STRUCTURAL LOAD BEARING SHEAR WALLS.
    - INDICATES NON-LOAD BEARING WALLS.
  - COLUMN AND FOOTING CALLOUT:
    - HSSxXxX - COLUMN DESIGNATION, SEE S401 FOR COLUMN SCHEDULE.
    - FX-X - FOOTING DESIGNATION, SEE S201 FOR FOOTING SCHEDULE.
  - WIDENED GRADE BEAM CALLOUT:
    - WGBX-X - WIDENED GRADE BEAM DESIGNATION, SEE S201 FOR WIDENED GRADE BEAM SCHEDULE.

1 FOUNDATION PLAN A, B & C  
S112 1/8" = 1'-0"

Revisions:	1	2	3
Project Lead:	STEWART	21007	KTC
Project:	21007	04.15.2024	CAS
Date:	04.15.2024		
Drawn:	KTC		
Checked:	CAS		

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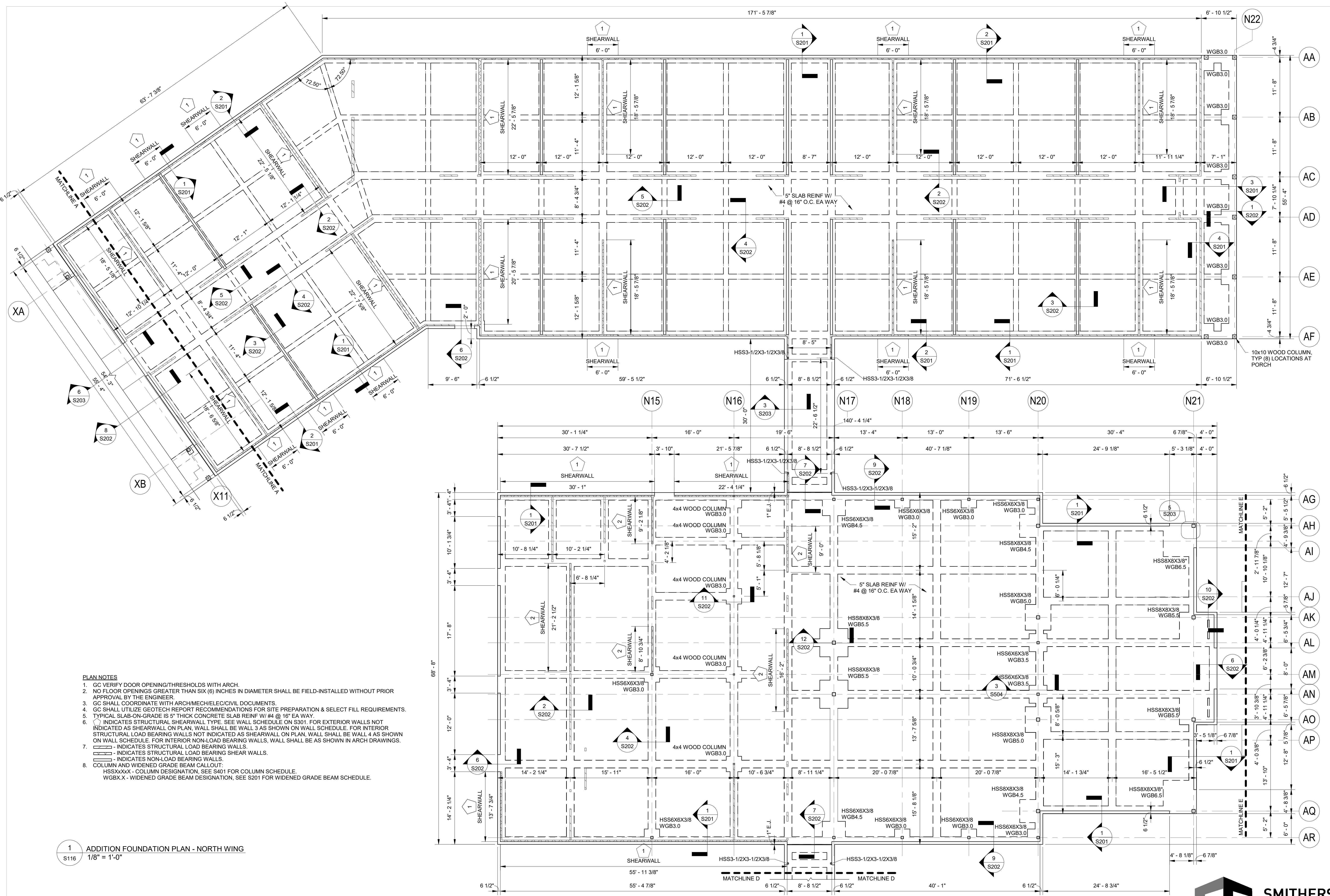
**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR, BROOKHAVEN, MS 39601



FOUNDATION PLAN - A, B & C

**S112**





- PLAN NOTES**
- GC VERIFY DOOR OPENING THRESHOLDS WITH ARCH.
  - NO FLOOR OPENINGS GREATER THAN SIX (6) INCHES IN DIAMETER SHALL BE FIELD-INSTALLED WITHOUT PRIOR APPROVAL BY THE ENGINEER.
  - GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
  - GC SHALL UTILIZE GEOTECH REPORT RECOMMENDATIONS FOR SITE PREPARATION & SELECT FILL REQUIREMENTS.
  - TYPICAL SLAB-ON-GRADE IS 5" THICK CONCRETE SLAB REINF W/ #4 @ 16" EA WAY.
  - INDICATES STRUCTURAL SHEARWALL TYPE. SEE WALL SCHEDULE ON S301. FOR EXTERIOR WALLS NOT INDICATED AS SHEARWALL ON PLAN, WALL SHALL BE WALL 3 AS SHOWN ON WALL SCHEDULE. FOR INTERIOR STRUCTURAL LOAD BEARING WALLS NOT INDICATED AS SHEARWALL ON PLAN, WALL SHALL BE WALL 4 AS SHOWN ON WALL SCHEDULE. FOR INTERIOR NON-LOAD BEARING WALLS, WALL SHALL BE AS SHOWN IN ARCH DRAWINGS.
  - INDICATES STRUCTURAL LOAD BEARING WALLS.  
INDICATES NON-LOAD BEARING WALLS.
  - COLUMN AND WIDENED GRADE BEAM CALLOUT:  
HSSXXX - COLUMN DESIGNATION, SEE S401 FOR COLUMN SCHEDULE.  
WGBXX - WIDENED GRADE BEAM DESIGNATION, SEE S201 FOR WIDENED GRADE BEAM SCHEDULE.

1 ADDITION FOUNDATION PLAN - NORTH WING  
1/8" = 1'-0"

Revisions:

1	STEWART
2	21007
3	04.15.2024

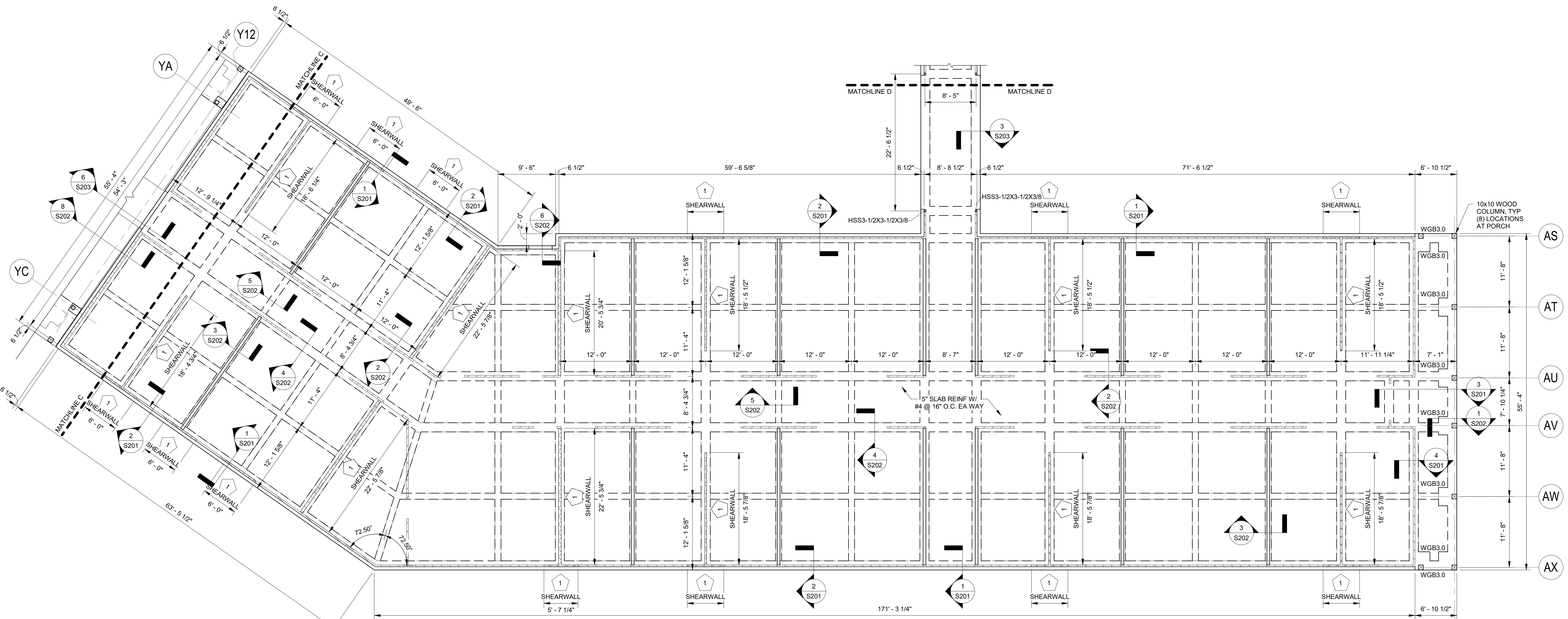
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Project Lead:	STEWART
Project:	21007
Date:	04.15.2024
Drawn:	KTC
Checked:	CAS

**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR, BROOKHAVEN, MS 39601







- PLAN NOTES**
- GC VERIFY DOOR OPENING/THRESHOLDS WITH ARCH.
  - NO FLOOR OPENINGS GREATER THAN SIX (6) INCHES IN DIAMETER SHALL BE FIELD-INSTALLED WITHOUT PRIOR APPROVAL BY THE ENGINEER.
  - GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
  - GC SHALL UTILIZE GEOTECH REPORT RECOMMENDATIONS FOR SITE PREPARATION & SELECT FILL REQUIREMENTS.
  - TYPICAL SLAB-ON-GRADE IS 5" THICK CONCRETE SLAB REINF W/ #4 @ 16" EA WAY.
  - INDICATES STRUCTURAL SHEARWALL TYPE. SEE WALL SCHEDULE ON S301. FOR EXTERIOR WALLS NOT INDICATED AS SHEARWALL ON PLAN, WALL SHALL BE WALL 3 AS SHOWN ON WALL SCHEDULE. FOR INTERIOR STRUCTURAL LOAD BEARING WALLS NOT INDICATED AS SHEARWALL ON PLAN, WALL SHALL BE WALL 4 AS SHOWN ON WALL SCHEDULE. FOR INTERIOR NON-LOAD BEARING WALLS, WALL SHALL BE AS SHOWN IN ARCH DRAWINGS.
  - INDICATES STRUCTURAL LOAD BEARING WALLS.  
INDICATES STRUCTURAL LOAD BEARING SHEAR WALLS.  
INDICATES NON-LOAD BEARING WALLS.
  - COLUMN AND WIDENED GRADE BEAM CALLOUT:  
HSSxxxx - COLUMN DESIGNATION, SEE S401 FOR COLUMN SCHEDULE.  
WGBX.X - WIDENED GRADE BEAM DESIGNATION, SEE S201 FOR WIDENED GRADE BEAM SCHEDULE.

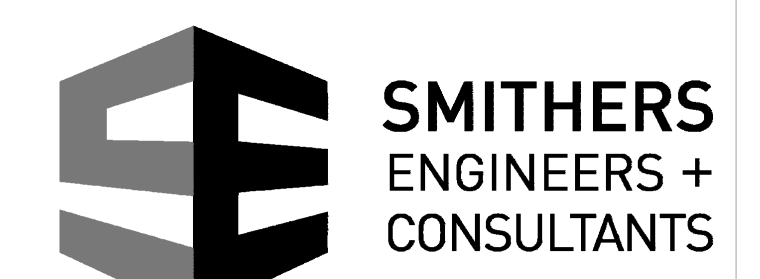
1 ADDITION FOUNDATION PLAN - SOUTH WING  
S117 1/8" = 1'-0"

Revisions:

1	STEWART	21007	KTC	CAS
2		04.15.2024		
3				

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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR, BROOKHAVEN, MS 39601



ADDITION FOUNDATION PLAN - SOUTH WING

**S117**



Project Lead:	STEWART
Project:	21007
Date:	04.15.2024
Drawn:	KTC
Checked:	CAS

Revisions:

Rev.	Description
1	
2	
3	

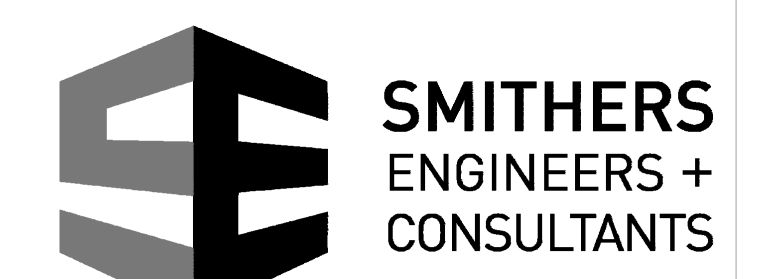
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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
 525 BROOKMAN DR,  
 BROOKHAVEN, MS 39601

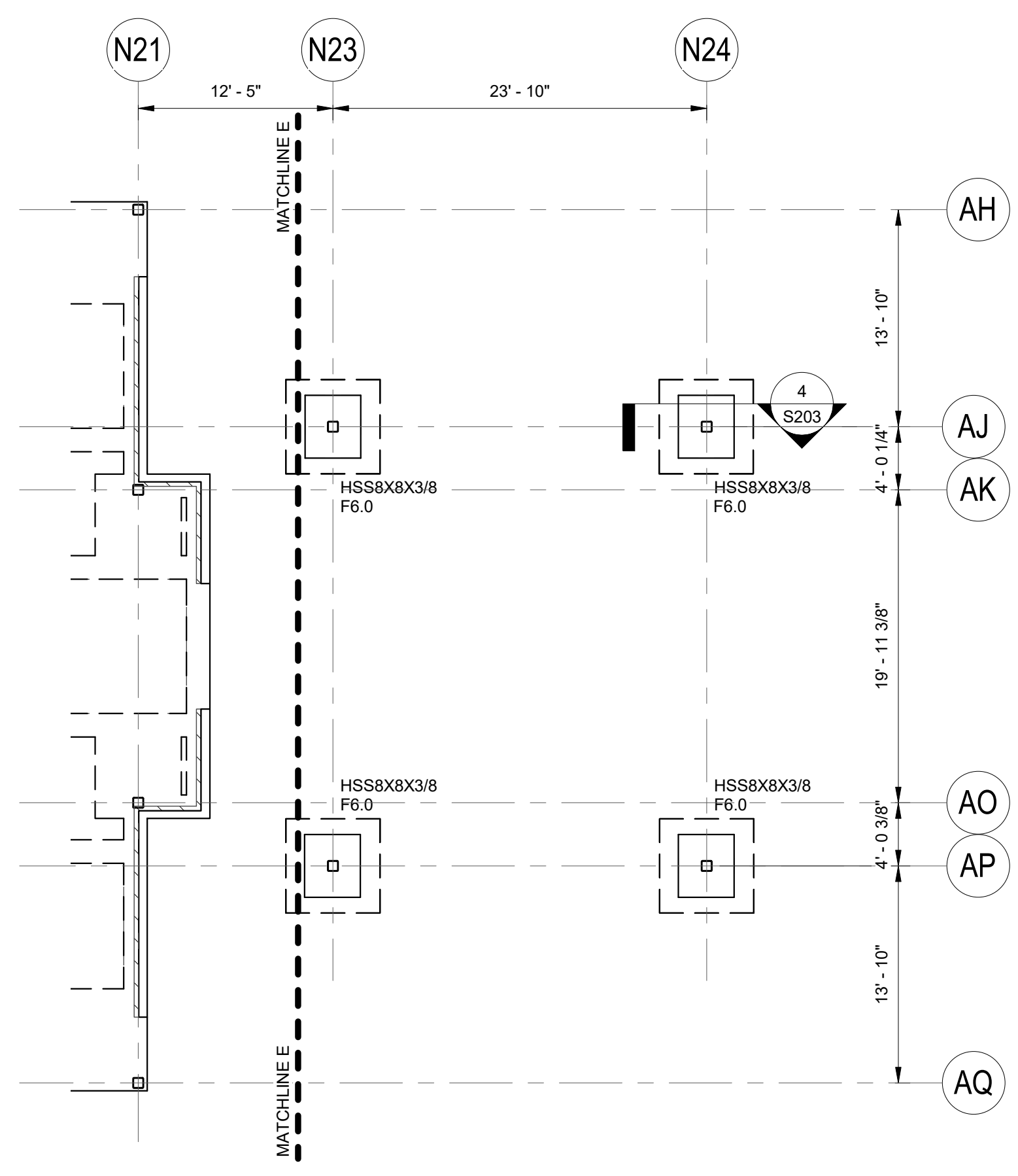


CANOPY PLANS

**S118**

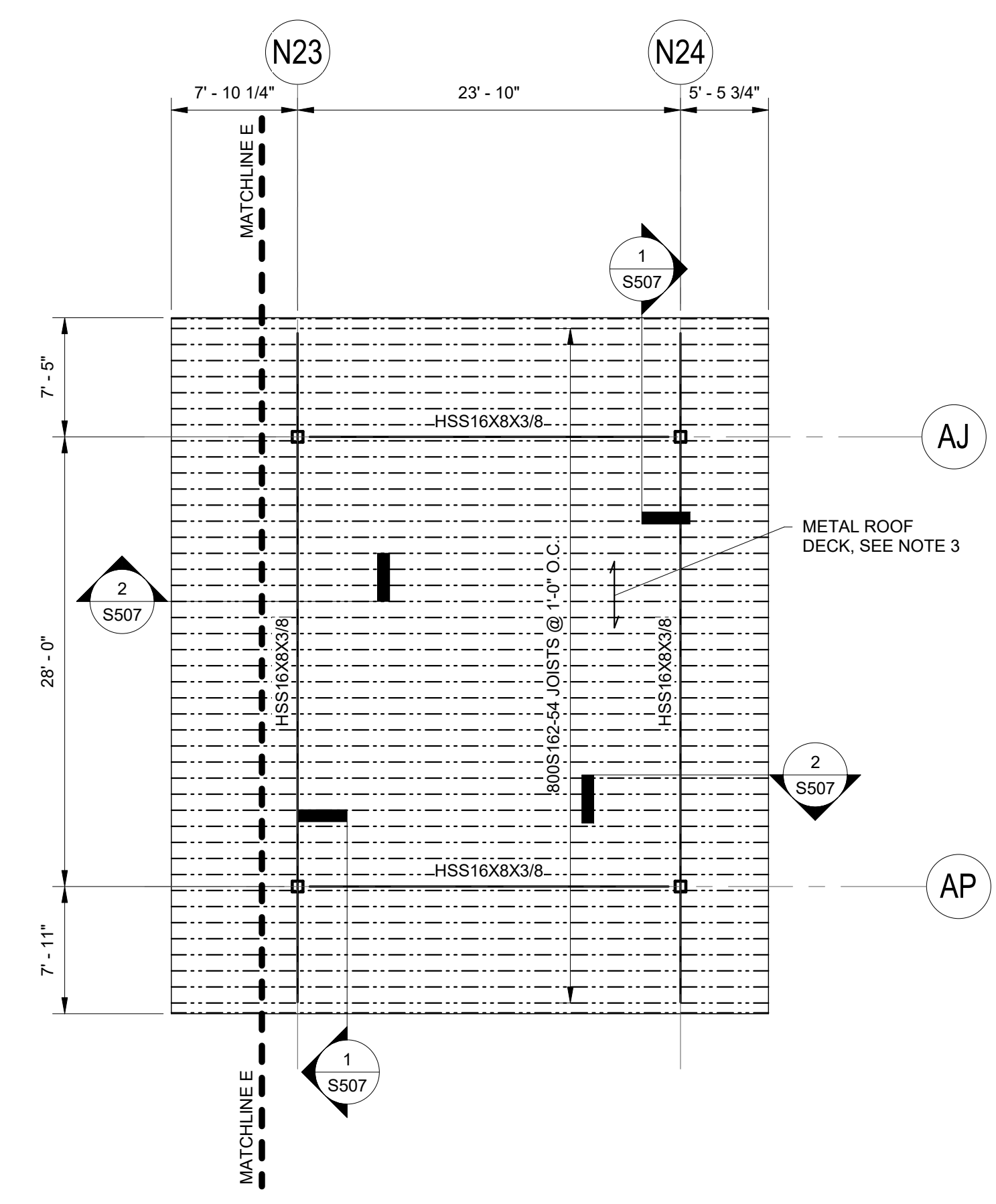


© 2024  
 FOR PRINT SCALE VERIFICATION THE TITLEBLOCK OPENING IS 23" X 32.5"



- PLAN NOTES**
- GC VERIFY DOOR OPENING/THRESHOLDS WITH ARCH.
  - GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
  - GC SHALL UTILIZE GEOTECH REPORT RECOMMENDATIONS FOR SITE PREPARATION & SELECT FILL REQUIREMENTS.
  - COLUMN AND FOOTING CALLOUT:  
 HSSxxxx - COLUMN DESIGNATION, SEE S401 FOR COLUMN SCHEDULE.  
 FX.X - FOOTING DESIGNATION, SEE S201 FOR FOOTING SCHEDULE.

**1** FOUNDATION PLAN - CANOPY  
 S118 1/8" = 1'-0"

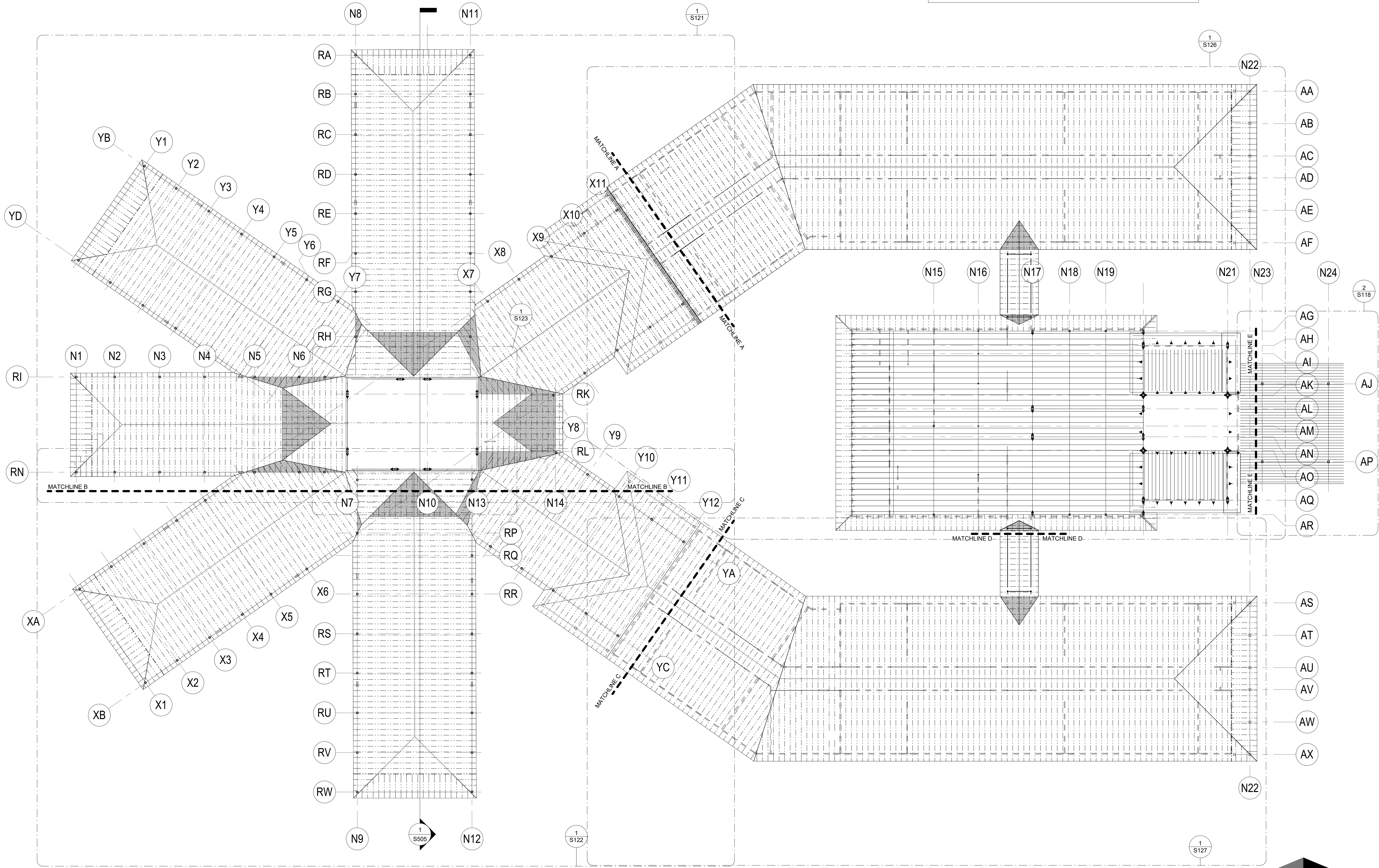


- PLAN NOTES**
- GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
  - INDICATES SPAN DIRECTION OF DECKING.
  - METAL ROOF DECK SHALL BE 1 1/2" TYPE "B" ROOF DECK (22 GA) BY VULCRAFT (OR EQUIV) WITH MIN 3-SPAN CONDITION, SEE S001 FOR DIAPHRAGM FASTENING SCHEDULE.
  - T.O. STEEL BEAMS = +15'-0" A.F.F.

**2** ROOF FRAMING PLAN - CANOPY  
 S118 1/8" = 1'-0"



THIS SHEET IS FOR PLAN REFERENCES ONLY



1 OVERALL ROOF FRAMING PLAN  
 S120 1/16" = 1'-0"

Revisions:

1	STEWART	21007	KTC	CAS
2		04.15.2024		
3				

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Project Lead: STEWART  
 Project: 21007  
 Date: 04.15.2024  
 Drawn: KTC  
 Checked: CAS

**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
 525 BROOKMAN DR,  
 BROOKHAVEN, MS 39601



**SMITHERS ENGINEERS + CONSULTANTS**

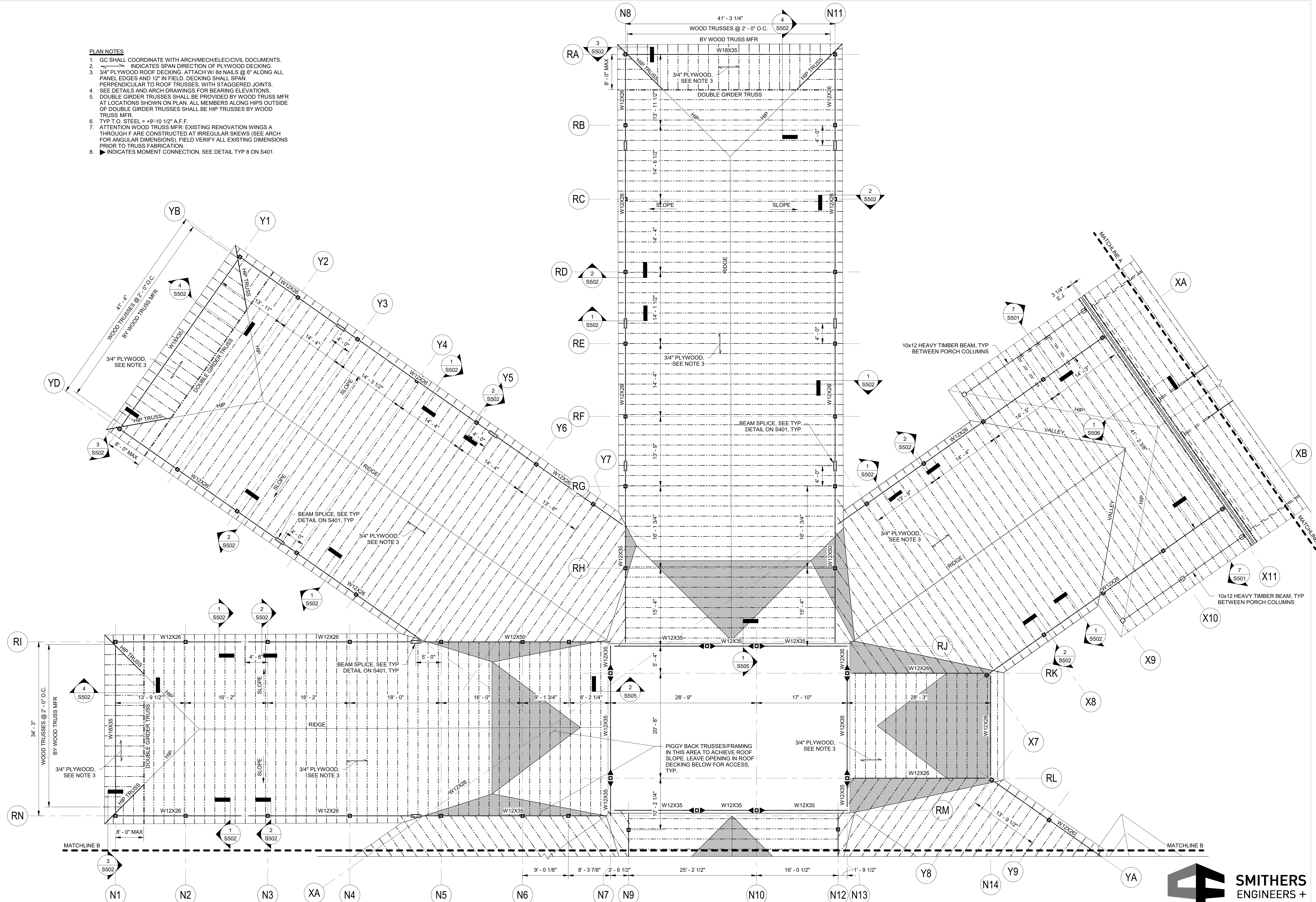
OVERALL ROOF FRAMING PLAN

**S120**



**PLAN NOTES**

- GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
- INDICATES SPAN DIRECTION OF PLYWOOD DECKING.
- 3/4" PLYWOOD ROOF DECKING, ATTACH W/ 6d NAILS @ 6" ALONG ALL PANEL EDGES AND 12" IN FIELD. DECKING SHALL SPAN PERPENDICULAR TO ROOF TRUSSES, WITH STAGGERED JOINTS.
- SEE DETAILS AND ARCH DRAWINGS FOR BEARING ELEVATIONS.
- DOUBLE GIRDER TRUSSES SHALL BE PROVIDED BY WOOD TRUSS MFR AT LOCATIONS SHOWN ON PLAN. ALL MEMBERS ALONG HIP/OUTSIDE OF DOUBLE GIRDER TRUSSES SHALL BE HIP TRUSSES BY WOOD TRUSS MFR.
- TYP T.O. STEEL = +9'-10 1/2" A.F.F.
- ATTENTION WOOD TRUSS MFR: EXISTING RENOVATION WINGS A THROUGH F ARE CONSTRUCTED AT IRREGULAR SKEWS (SEE ARCH FOR ANGULAR DIMENSIONS). FIELD VERIFY ALL EXISTING DIMENSIONS PRIOR TO TRUSS FABRICATION.
- INDICATES MOMENT CONNECTION, SEE DETAIL TYP 8 ON S401.



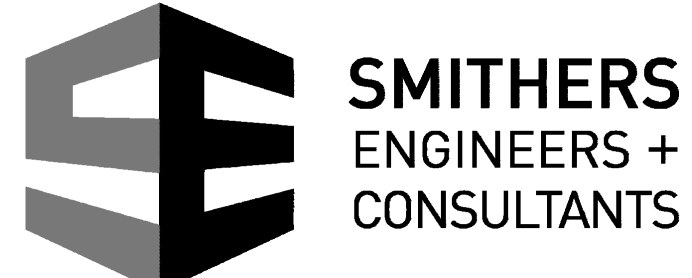
1 ROOF FRAMING PLAN - D, E & F  
1/8" = 1'-0"

Revisions:	1	STEWART	21007	Project Lead:
	2		04.15.2024	Project:
	3	KTC	CAS	Date:
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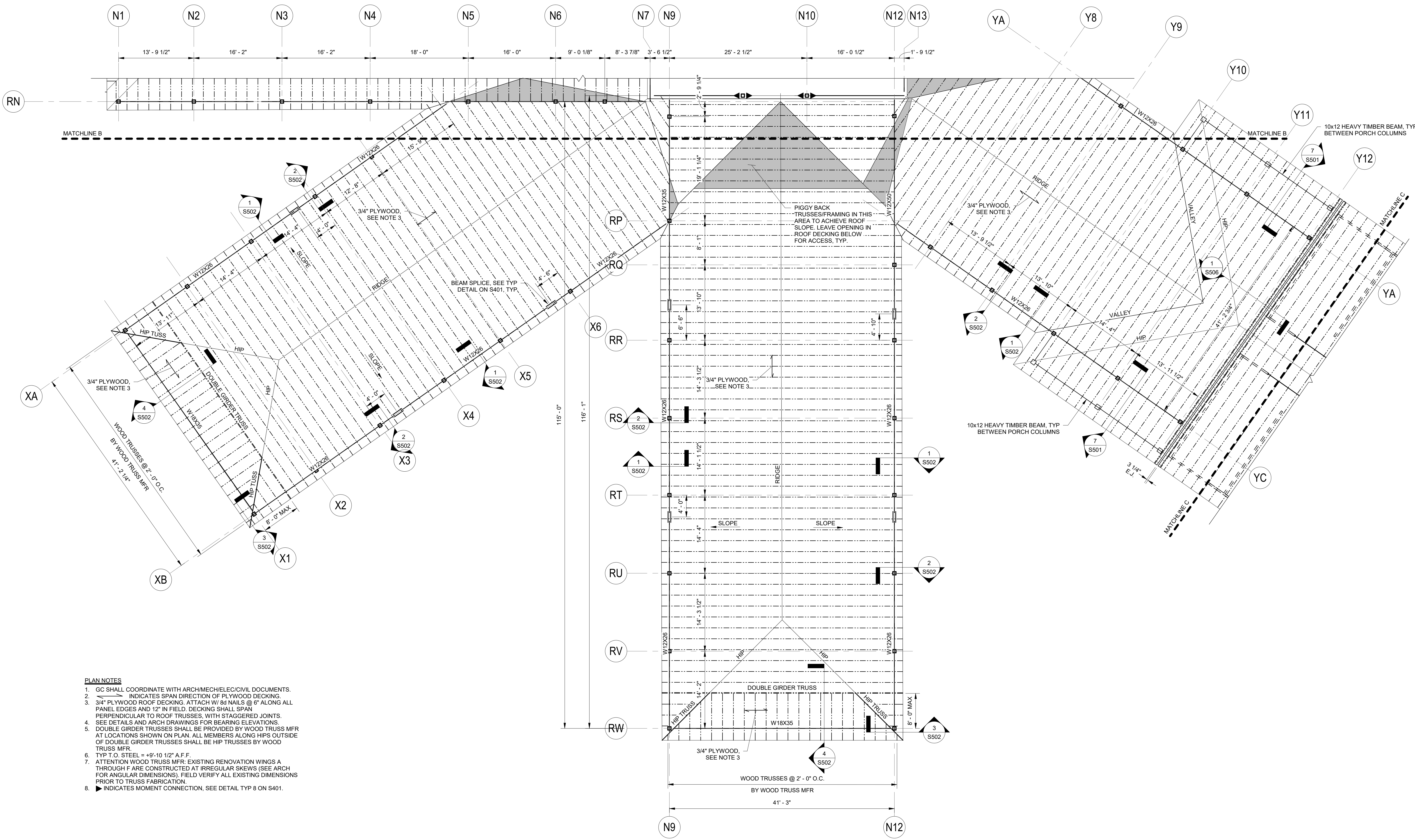
**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR, BROOKHAVEN, MS 39601



ROOF FRAMING PLAN - D, E & F







- PLAN NOTES**
- GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
  - INDICATES SPAN DIRECTION OF PLYWOOD DECKING.
  - 3/4" PLYWOOD ROOF DECKING. ATTACH W/8d NAILS @ 6" ALONG ALL PANEL EDGES AND 12" IN FIELD. DECKING SHALL SPAN PERPENDICULAR TO ROOF TRUSSES, WITH STAGGERED JOINTS.
  - SEE DETAILS AND ARCH DRAWINGS FOR BEARING ELEVATIONS.
  - DOUBLE GIRDER TRUSSES SHALL BE PROVIDED BY WOOD TRUSS MFR AT LOCATIONS SHOWN ON PLAN. ALL MEMBERS ALONG HIP'S OUTSIDE OF DOUBLE GIRDER TRUSSES SHALL BE HIP TRUSSES BY WOOD TRUSS MFR.
  - TYP T.O. STEEL = +9'-10 1/2" A.F.F.
  - ATTENTION WOOD TRUSS MFR: EXISTING RENOVATION WINGS A THROUGH F ARE CONSTRUCTED AT IRREGULAR SKEWS (SEE ARCH FOR ANGULAR DIMENSIONS). FIELD VERIFY ALL EXISTING DIMENSIONS PRIOR TO TRUSS FABRICATION.
  - INDICATES MOMENT CONNECTION, SEE DETAIL TYP 8 ON S401.

1 ROOF FRAMING PLAN - A, B & C  
S122 1/8" = 1'-0"

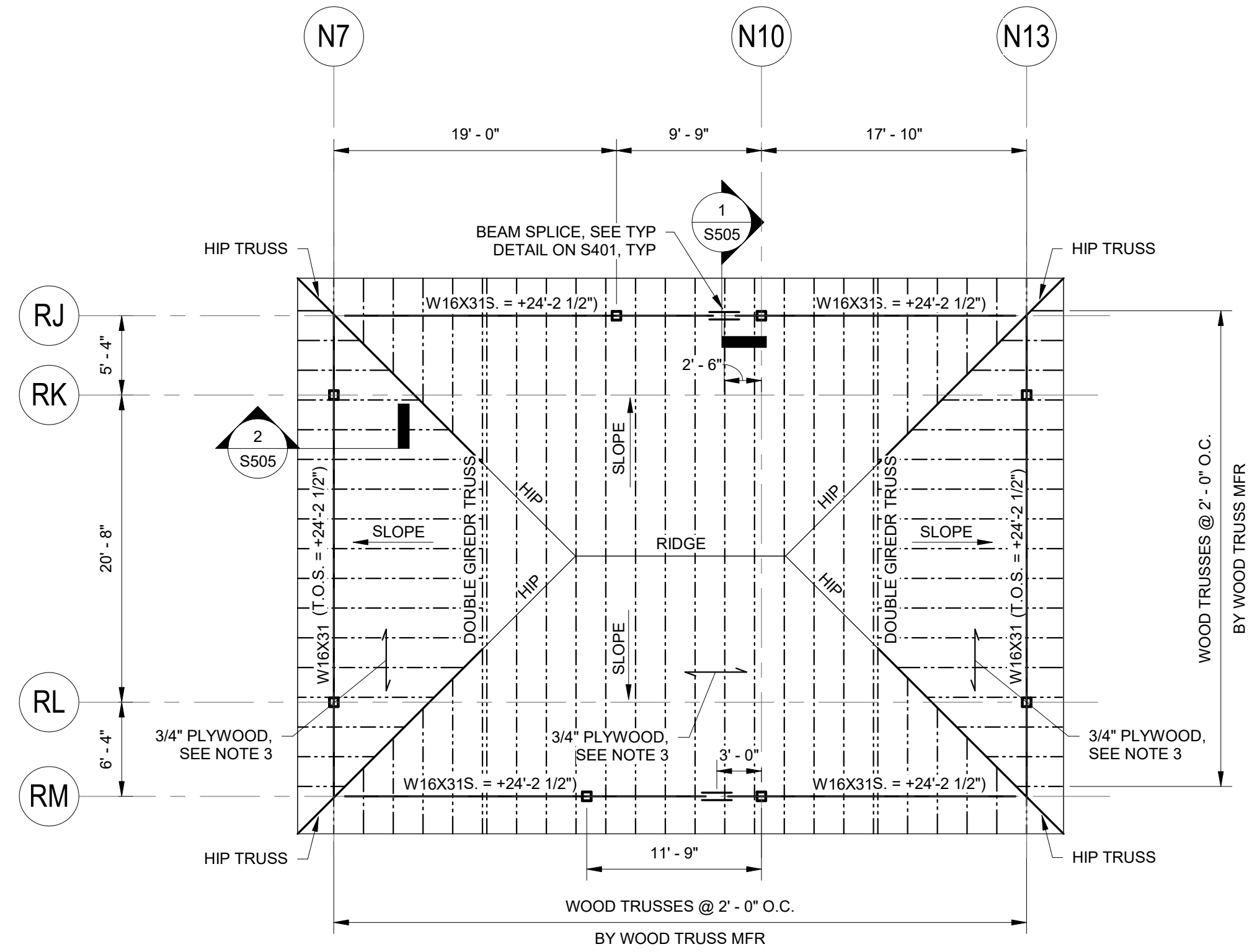
Revisions:	1	2	3
Project Lead:	STEWART	21007	
Project:	21007	04.15.2024	
Date:	KTC	CAS	
Drawn:			
Checked:			

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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR, BROOKHAVEN, MS 39601







**PLAN NOTES**

1. GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
2. INDICATES SPAN DIRECTION OF PLYWOOD DECKING.
3. 3/4" PLYWOOD ROOF DECKING, ATTACH W/ 8d NAILS @ 6" ALONG ALL PANEL EDGES AND 12" IN FIELD. DECKING SHALL SPAN PERPENDICULAR TO ROOF TRUSSES, WITH STAGGERED JOINTS.
4. SEE DETAILS AND ARCH DRAWINGS FOR BEARING ELEVATIONS.
5. DOUBLE GIRDER TRUSSES SHALL BE PROVIDED BY WOOD TRUSS MFR AT LOCATIONS SHOWN ON PLAN. ALL MEMBERS ALONG HIPSP OUTSIDE OF DOUBLE GIRDER TRUSSES SHALL BE HIP TRUSSES BY WOOD TRUSS MFR.

1 HI ROOF FRAMING PLAN - CLERESTORY  
S123 1/8" = 1'-0"

Project Lead:	STEWART
Project:	21007
Date:	04.15.2024
Drawn:	KTC
Checked:	CAS

Revisions:

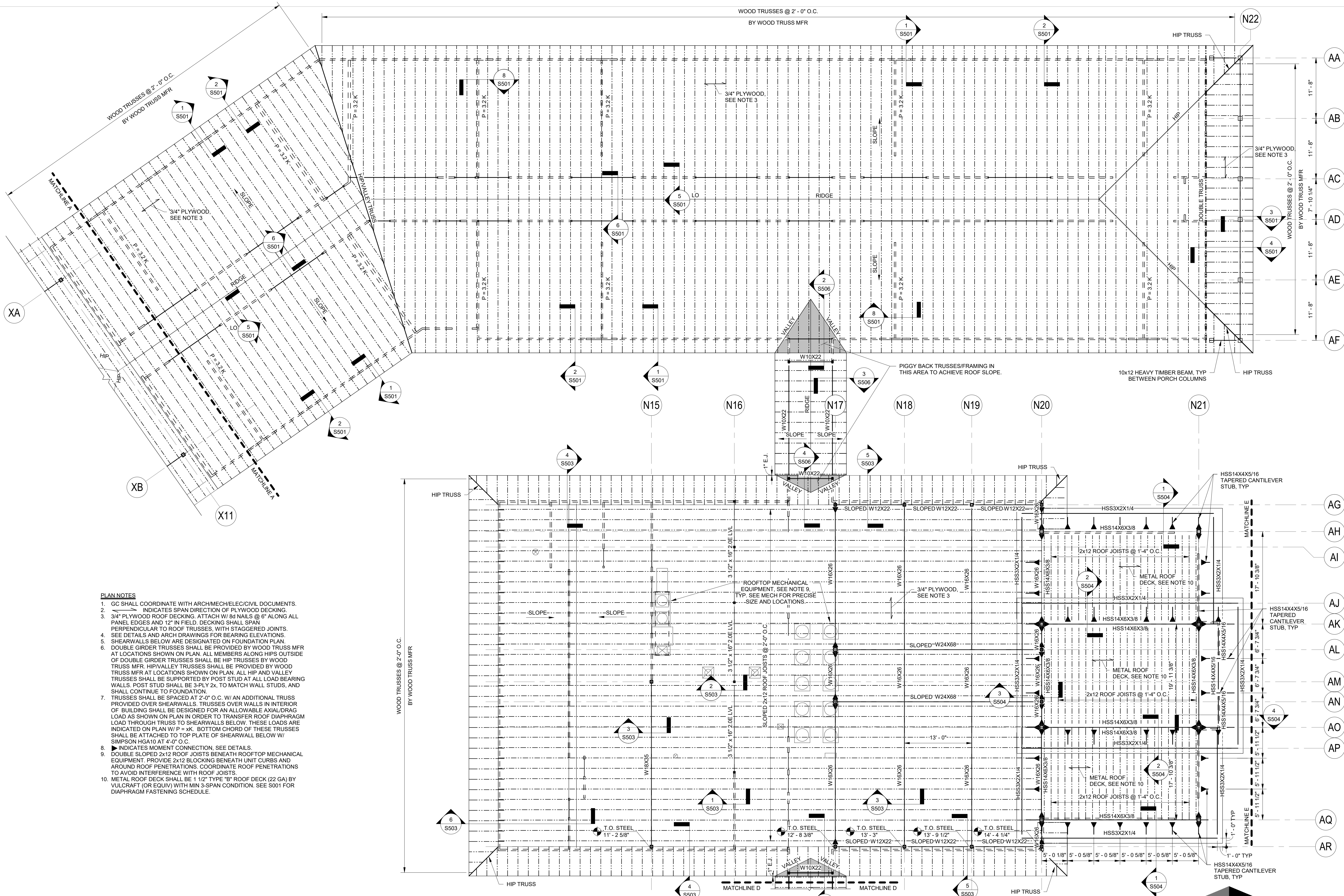
1	
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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR,  
BROOKHAVEN, MS 39601







- PLAN NOTES**
- GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
  - INDICATES SPAN DIRECTION OF PLYWOOD DECKING.
  - 3/4" PLYWOOD ROOF DECKING. ATTACH W/ 8d NAILS @ 6" ALONG ALL PANEL EDGES AND 12" IN FIELD. DECKING SHALL SPAN PERPENDICULAR TO ROOF TRUSSES, WITH STAGGERED JOINTS.
  - SEE DETAILS AND ARCH DRAWINGS FOR BEARING ELEVATIONS.
  - SHEARWALLS BELOW ARE DESIGNATED ON FOUNDATION PLAN.
  - DOUBLE GIRDER TRUSSES SHALL BE PROVIDED BY WOOD TRUSS MFR AT LOCATIONS SHOWN ON PLAN. ALL MEMBERS ALONG HIP'S OUTSIDE OF DOUBLE GIRDER TRUSSES SHALL BE HIP TRUSSES BY WOOD TRUSS MFR. HIP/VALLEY TRUSSES SHALL BE PROVIDED BY WOOD TRUSS MFR AT LOCATIONS SHOWN ON PLAN. ALL HIP AND VALLEY TRUSSES SHALL BE SUPPORTED BY POST STUD AT ALL LOAD BEARING WALLS. POST STUD SHALL BE 3-PLY 2x, TO MATCH WALL STUDS, AND SHALL CONTINUE TO FOUNDATION.
  - TRUSSES SHALL BE SPACED AT 2'-0" O.C. W/ AN ADDITIONAL TRUSS PROVIDED OVER SHEARWALLS. TRUSSES OVER WALLS IN INTERIOR OF BUILDING SHALL BE DESIGNED FOR AN ALLOWABLE AXIAL DRAG LOAD AS SHOWN ON PLAN IN ORDER TO TRANSFER ROOF DIAPHRAGM LOAD THROUGH TRUSS TO SHEARWALLS BELOW. THESE LOADS ARE INDICATED ON PLAN W/ P = xK. BOTTOM CHORD OF THESE TRUSSES SHALL BE ATTACHED TO TOP PLATE OF SHEARWALL BELOW W/ SIMPSON HGA10 AT 4'-0" O.C.
  - INDICATES MOMENT CONNECTION. SEE DETAILS.
  - DOUBLE SLOPED 2x12 ROOF JOISTS BENEATH ROOFTOP MECHANICAL EQUIPMENT. PROVIDE 2x12 BLOCKING BENEATH UNIT CURBS AND AROUND ROOF PENETRATIONS. COORDINATE ROOF PENETRATIONS TO AVOID INTERFERENCE WITH ROOF JOISTS.
  - METAL ROOF DECK SHALL BE 1 1/2" TYPE "B" ROOF DECK (22 GA) BY VULCRAFT (OR EQUIV) WITH MIN 3-SPAN CONDITION. SEE S501 FOR DIAPHRAGM FASTENING SCHEDULE.

1 ADDITION ROOF FRAMING PLAN - NORTH WING  
S126 1/8" = 1'-0"



Revisions:

1	STEWART
2	21007
3	04.15.2024

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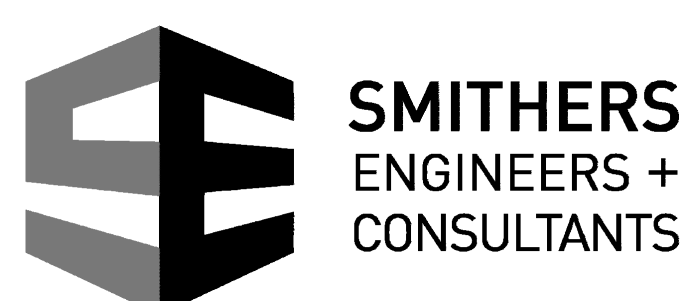
Project Lead:	STEWART
Project:	21007
Date:	04.15.2024
Drawn:	KTC
Checked:	CAS

**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**

525 BROOKMAN DR,  
BROOKHAVEN, MS 39601



ADDITION ROOF FRAMING PLAN - NORTH WING



**S126**



Revisions:

1	STEWART
2	21007
3	04.15.2024
	KTC
	CAS

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Project Lead: STEWART

Project: 21007

Date: 04.15.2024

Drawn: KTC

Checked: CAS

**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**

525 BROOKMAN DR, BROOKHAVEN, MS 39601



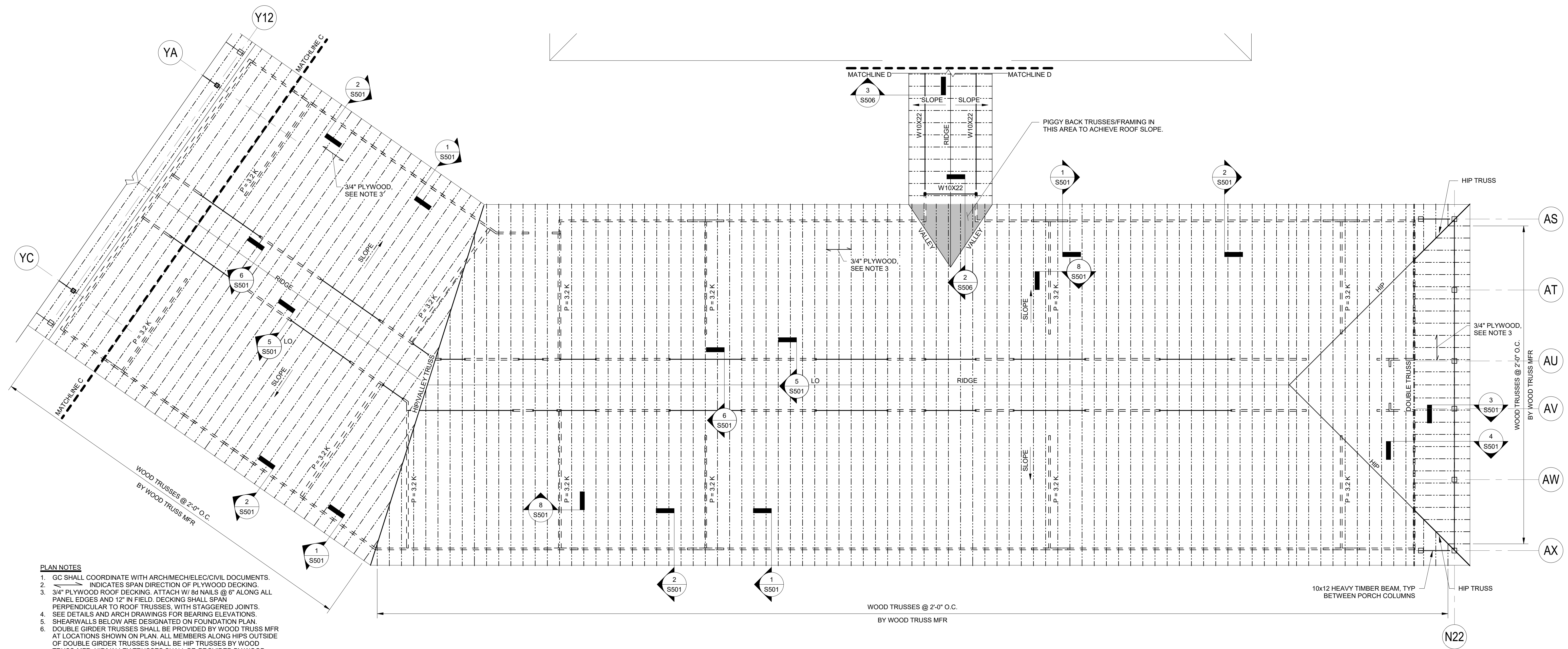
ADDITION ROOF FRAMING PLAN - SOUTH WING

**S127**



© 2024

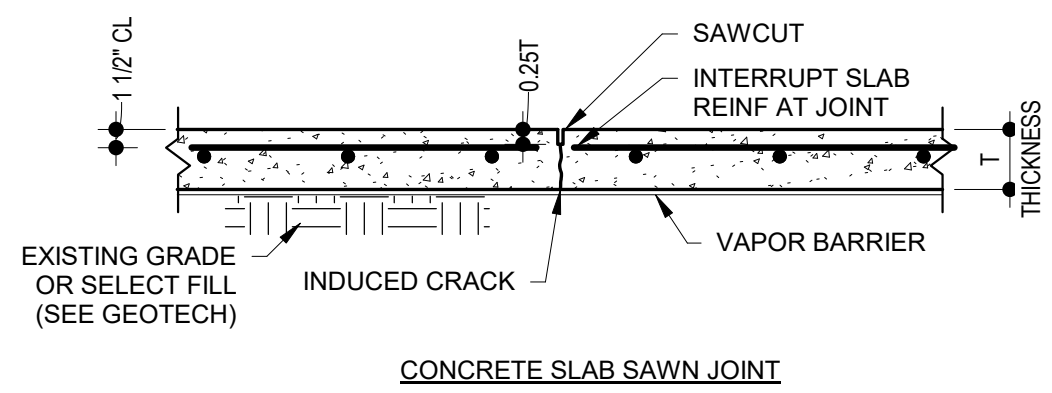
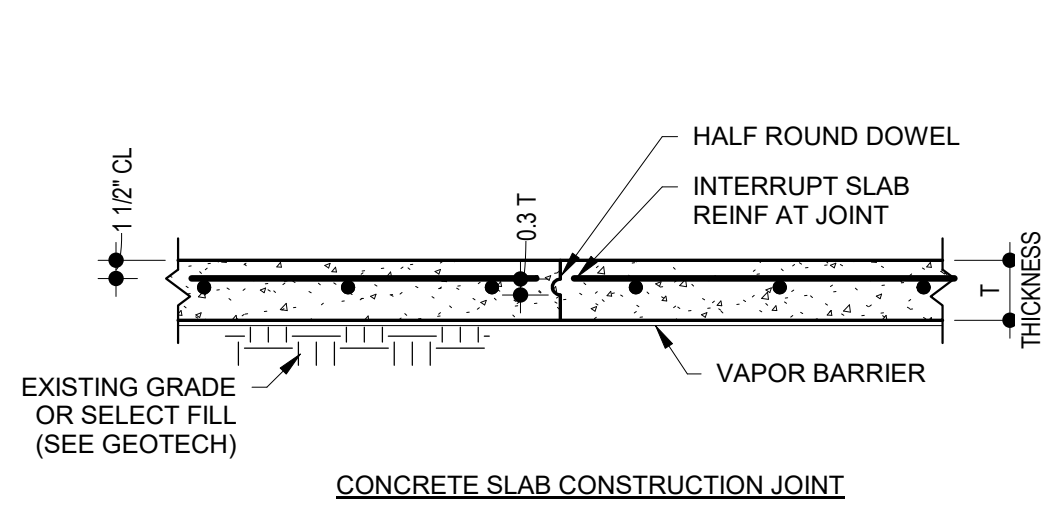
FOR PRINT SCALE VERIFICATION THE TITLEBLOCK OPENING IS 23" X 32.5"



- PLAN NOTES**
- GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
  - INDICATES SPAN DIRECTION OF PLYWOOD DECKING.
  - 3/4" PLYWOOD ROOF DECKING. ATTACH W/ 8d NAILS @ 6" ALONG ALL PANEL EDGES AND 12" IN FIELD. DECKING SHALL SPAN PERPENDICULAR TO ROOF TRUSSES, WITH STAGGERED JOINTS.
  - SEE DETAILS AND ARCH DRAWINGS FOR BEARING ELEVATIONS.
  - SHEARWALLS BELOW ARE DESIGNATED ON FOUNDATION PLAN.
  - DOUBLE GIRDER TRUSSES SHALL BE PROVIDED BY WOOD TRUSS MFR AT LOCATIONS SHOWN ON PLAN. ALL MEMBERS ALONG HIP/VALLEY TRUSSES SHALL BE PROVIDED BY WOOD TRUSS MFR AT LOCATIONS SHOWN ON PLAN. ALL HIP AND VALLEY TRUSSES SHALL BE SUPPORTED BY POST STUD AT ALL LOAD BEARING WALLS. POST STUD SHALL BE 3-PLY 2x. TO MATCH WALL STUDS, AND SHALL CONTINUE TO FOUNDATION.
  - TRUSSES SHALL BE SPACED AT 2'-0" O.C. W/ AN ADDITIONAL TRUSS PROVIDED OVER SHEARWALLS. TRUSSES OVER WALLS IN INTERIOR OF BUILDING SHALL BE DESIGNED FOR AN ALLOWABLE AXIAL/DIAPHRAGM LOAD AS SHOWN ON PLAN IN ORDER TO TRANSFER ROOF DIAPHRAGM LOAD THROUGH TRUSS TO SHEARWALLS BELOW. THESE LOADS ARE INDICATED ON PLAN W/ P = K. BOTTOM CHORD OF THESE TRUSSES SHALL BE ATTACHED TO TOP PLATE OF SHEARWALL BELOW W/ SIMPSON HGA10 AT 4'-0" O.C.

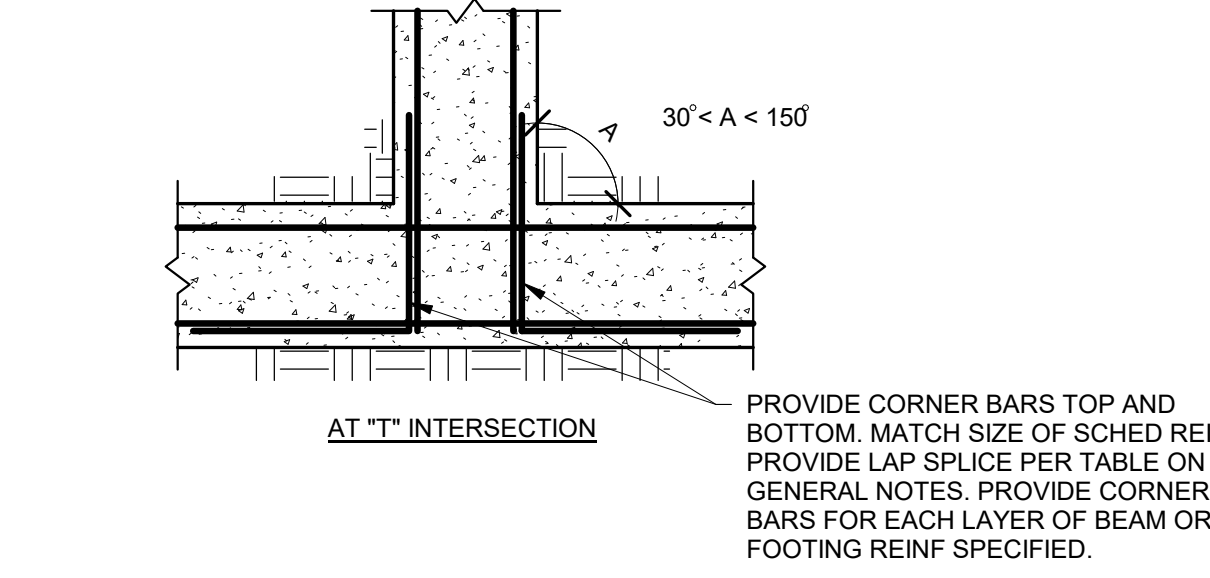
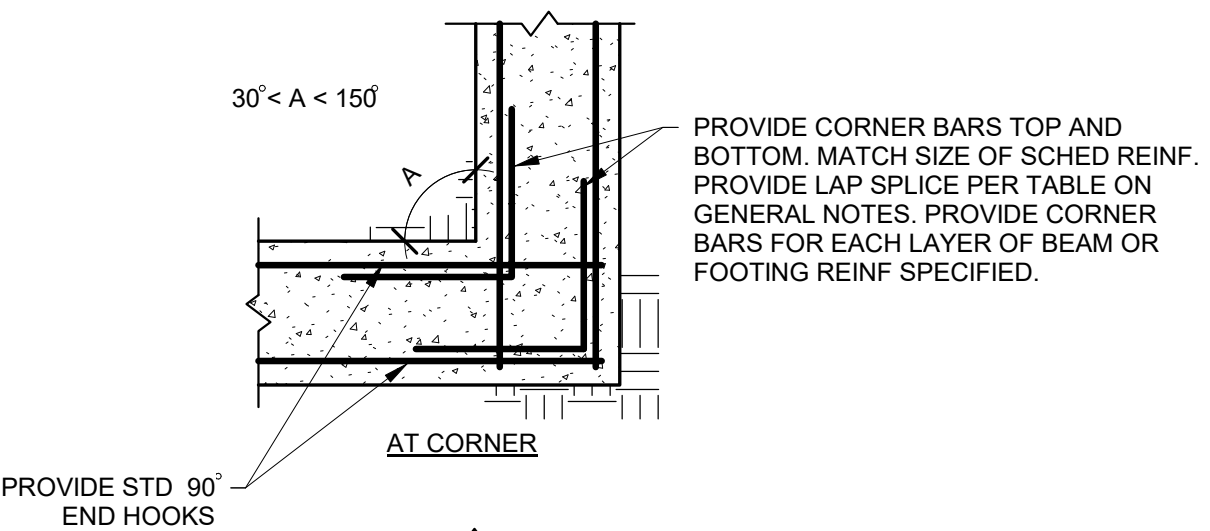
1 ADDITION ROOF FRAMING PLAN - SOUTH WING  
 1/8" = 1'-0"



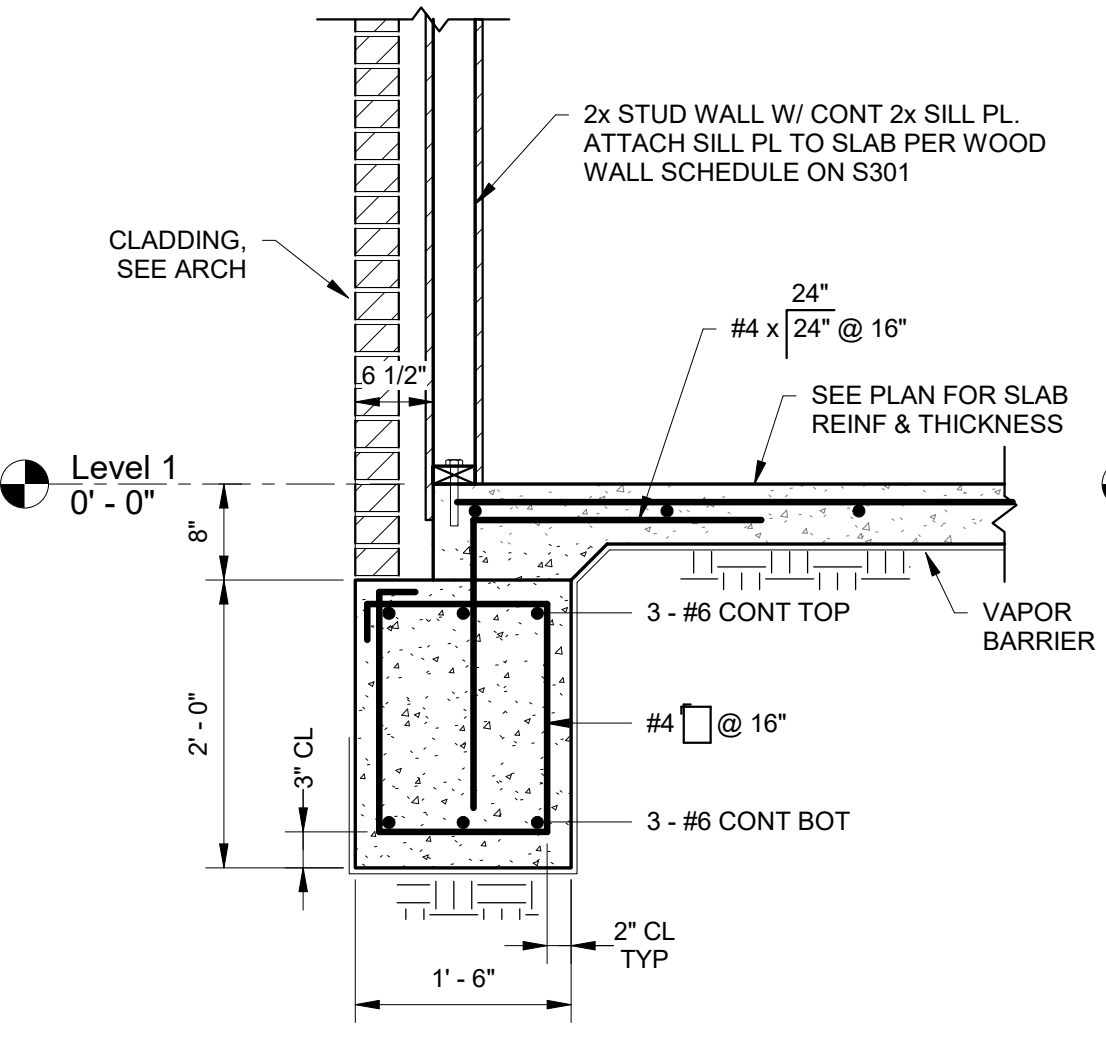


**TYP 1** CONCRETE SLAB ON GRADE  
S201 3/4" = 1'-0"

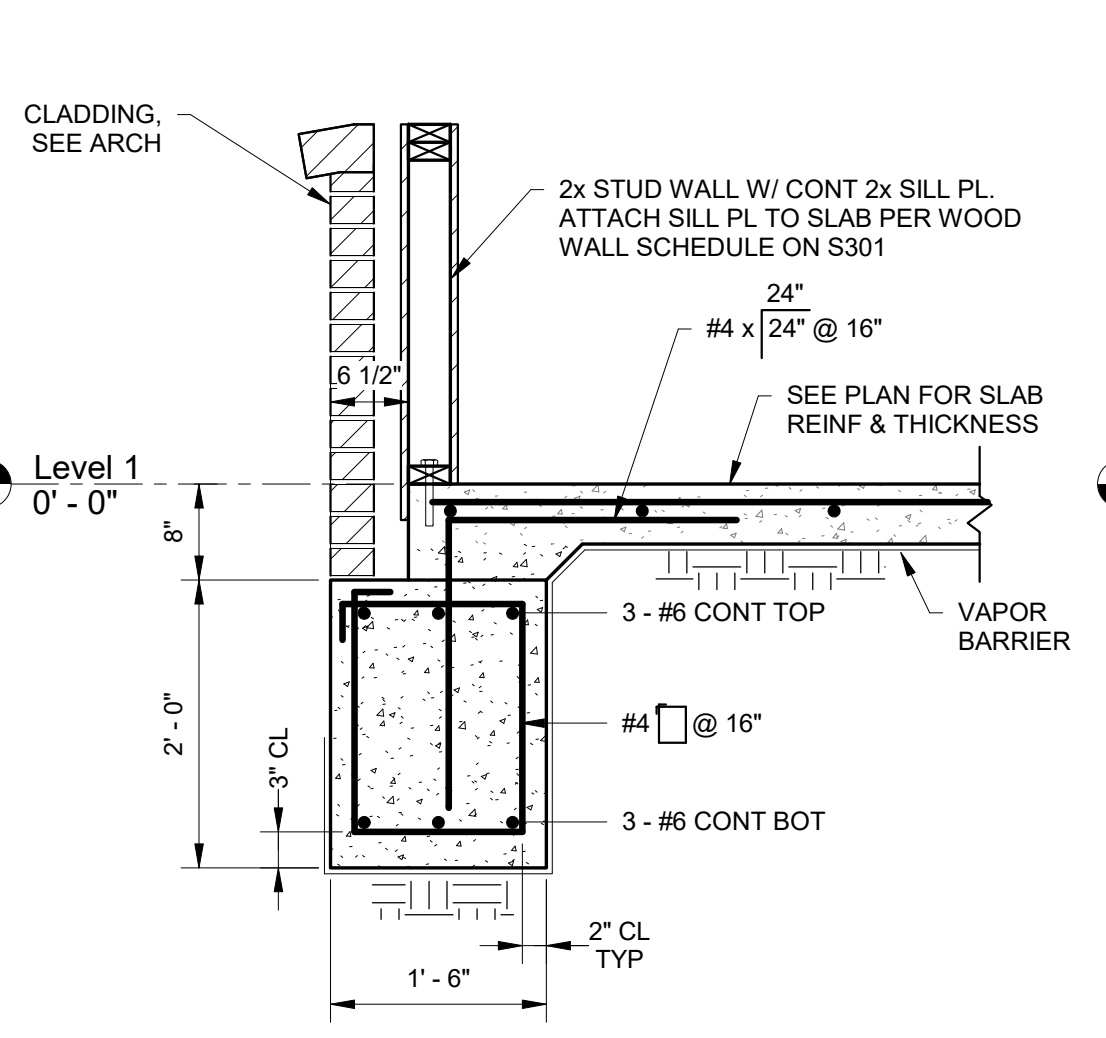
NOTE:  
C.J. MAY BE EITHER JOINT TYPE SHOWN ABOVE.



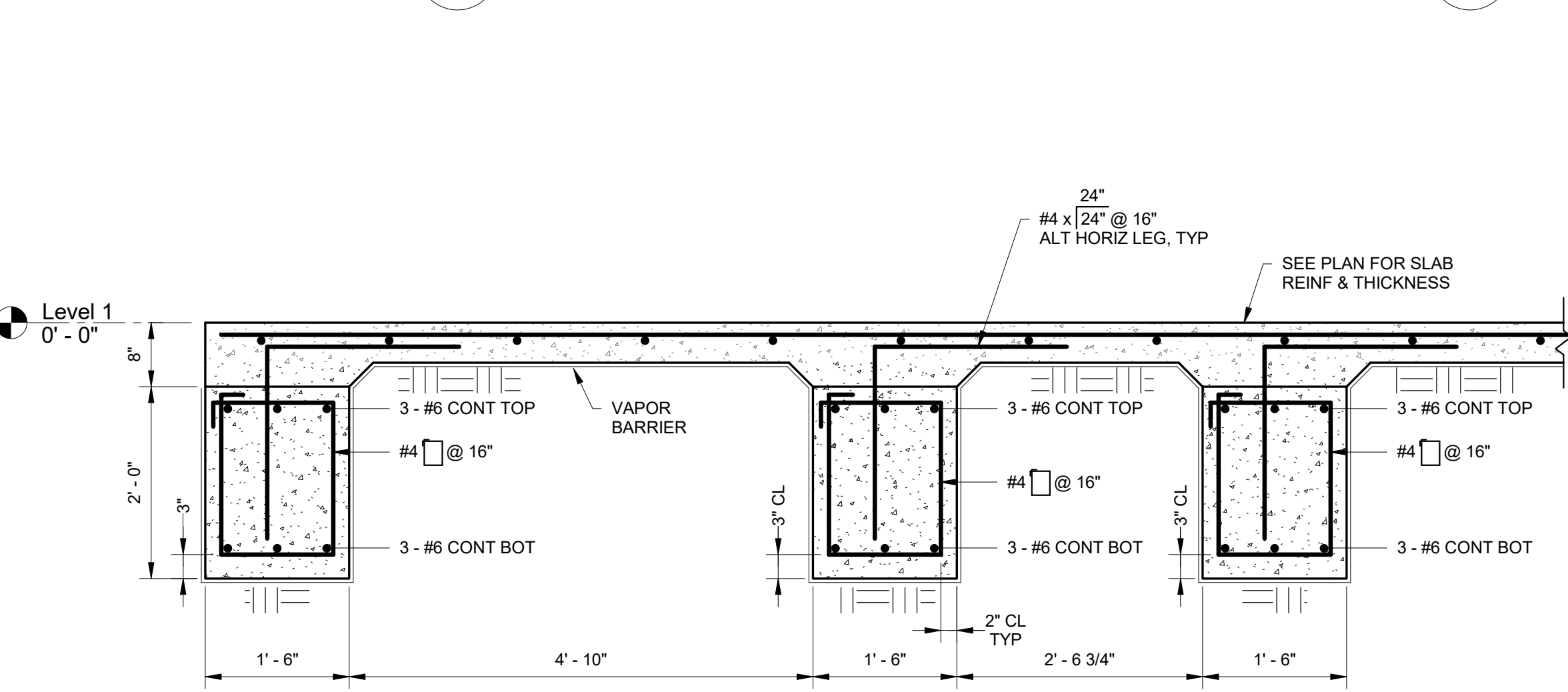
**TYP 4** GRADE BEAM INTERSECTION  
S201 3/4" = 1'-0"



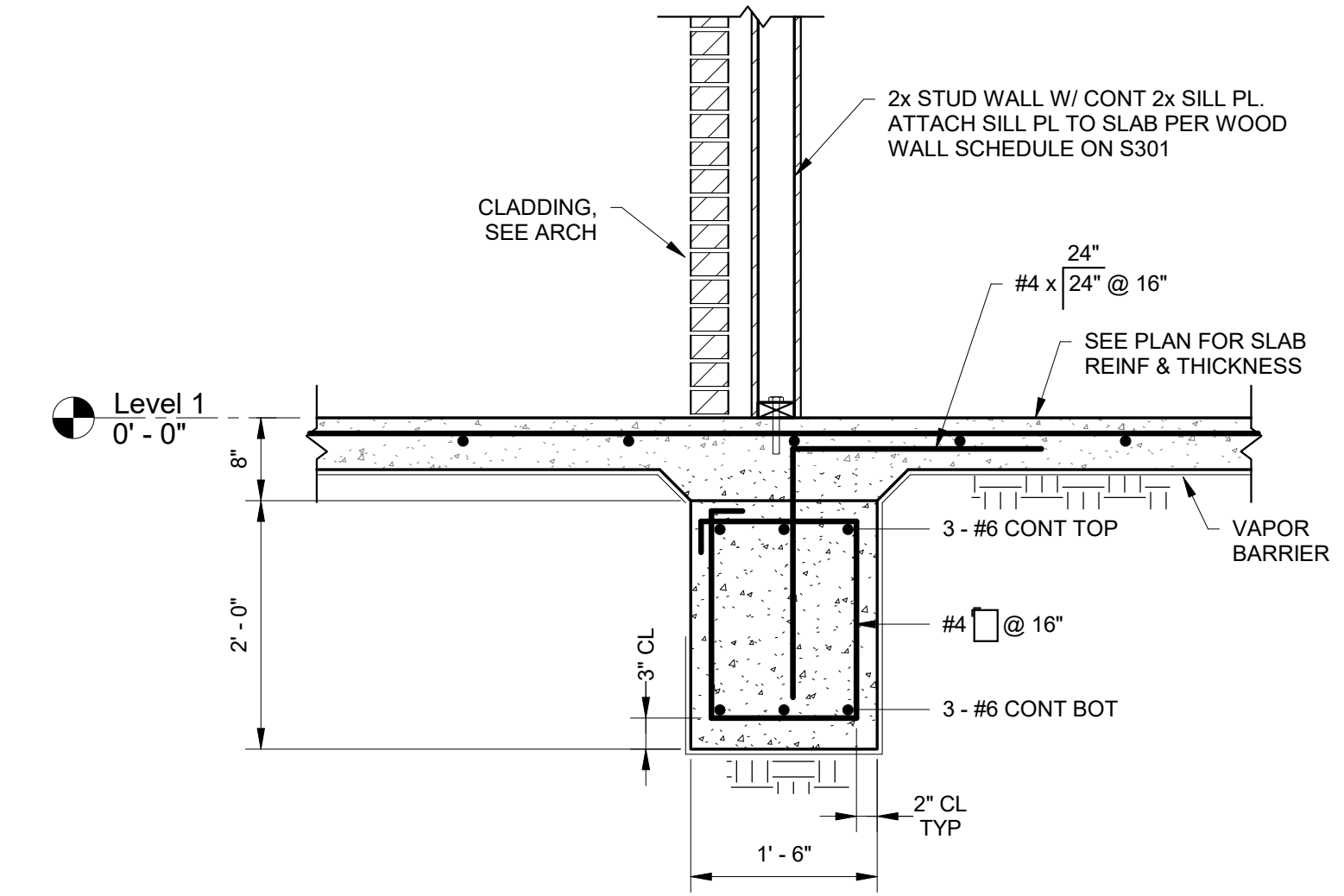
**1** Section 1 - S201  
S201 3/4" = 1'-0"



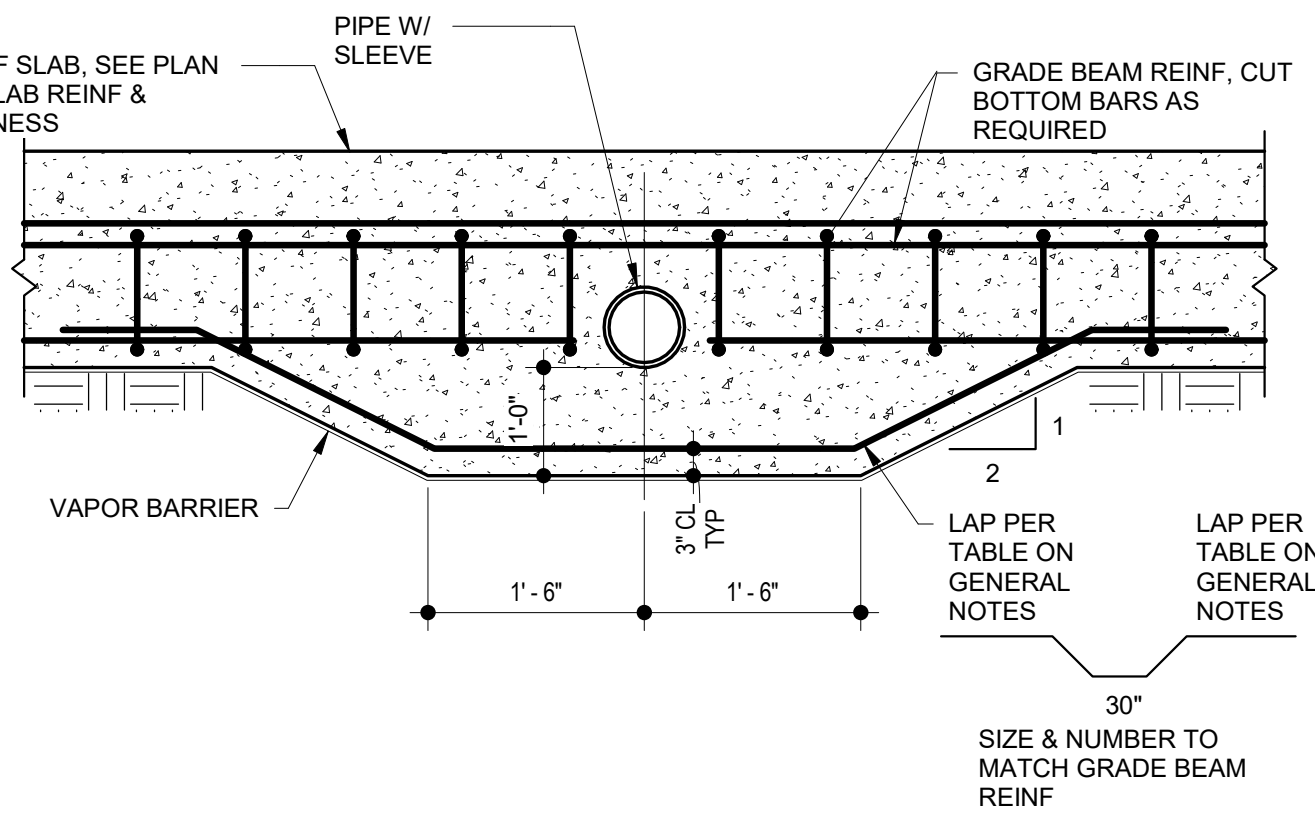
**2** Section 2 - S201  
S201 3/4" = 1'-0"



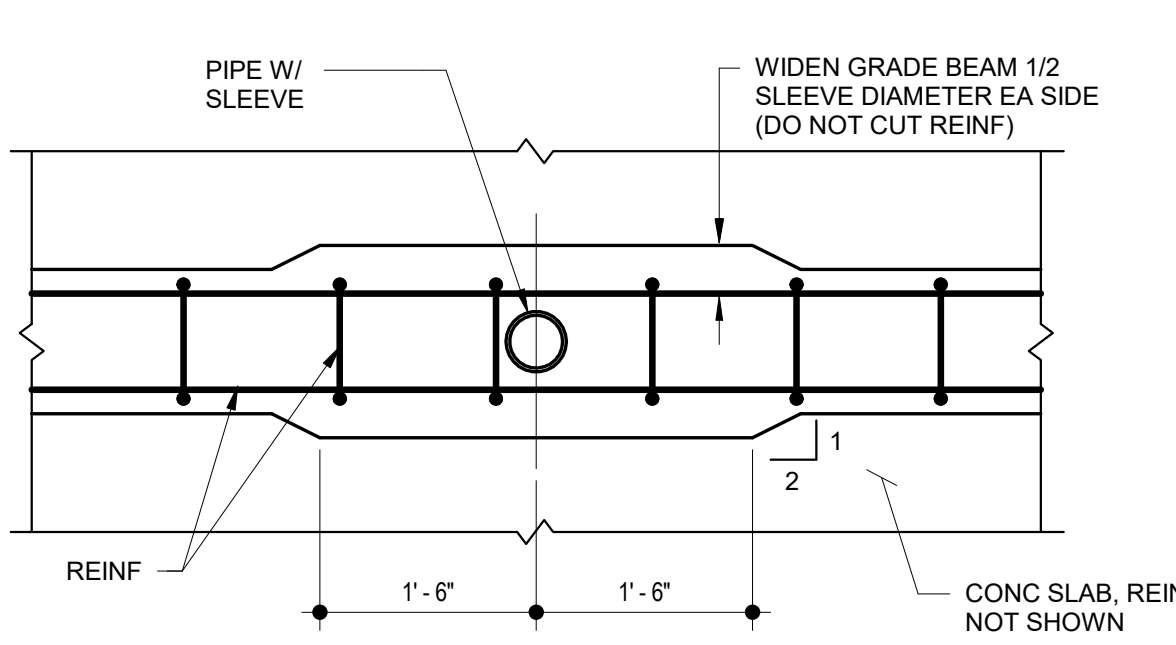
**3** Section 3 - S201  
S201 3/4" = 1'-0"



**4** Section 4 - S201  
S201 3/4" = 1'-0"



**TYP 2** VERTICAL PIPE PENETRATION THROUGH GRADE BEAM  
S201 3/4" = 1'-0"



**TYP 3** SLAB & GRADE BEAM DEPRESSION  
S201 3/4" = 1'-0"

**WIDENED GRADE BEAM SCHEDULE**

MARK	PLAN SIZE	REINFORCEMENT	
		SHORT BAR	LONG BAR
WGB3.0	3'-0" x 3'-0"	4 - #6	4 - #6
WGB4.5	4'-6" x 4'-6"	6 - #6	6 - #6
WGB5.0	5'-0" x 5'-0"	6 - #6	6 - #6
WGB5.5	5'-6" x 5'-6"	7 - #6	7 - #6
WGB6.5	6'-6" x 6'-6"	8 - #6	8 - #6

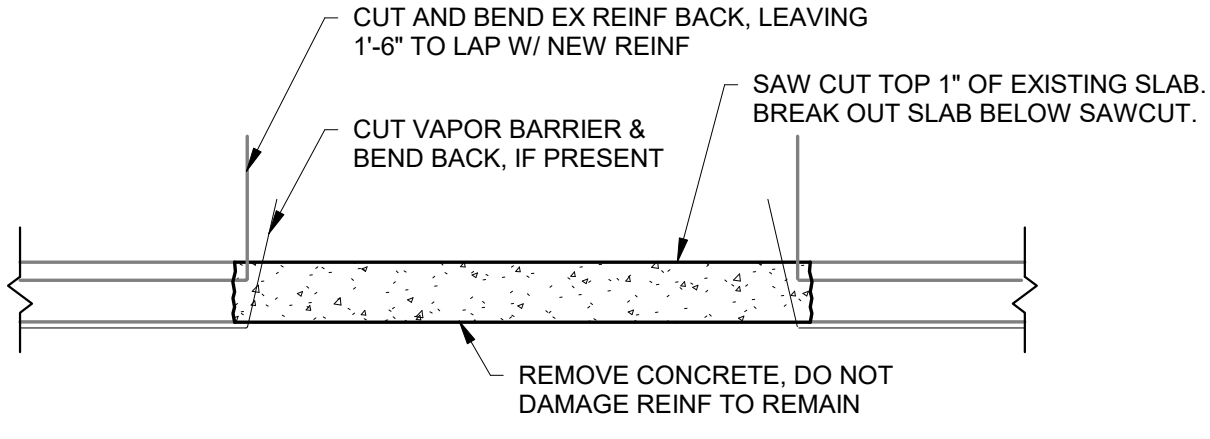
NOTES:  
1. REINF SHOWN SHALL BE PROVIDED IN TOP & BOTTOM OF WIDENED GRADE BEAM.  
2. PLACE BARS IN BOTTOM W/ 3" CLEAR BOTTOM COVER, PLACE BARS IN TOP W/ 2" CLEAR TOP COVER.

**FOOTING SCHEDULE**

MARK	PLAN SIZE	THICKNESS	REINFORCEMENT	
			SHORT BAR	LONG BAR
2,000 PSF ALLOWABLE BEARING PRESSURE				
F5.0	5'-0" x 5'-0"	16"	6 - #5	6 - #5
F6.0	6'-0" x 6'-0"	13"	6 - #5	6 - #5

NOTES:  
1. REINF SHOWN SHALL BE PROVIDED IN TOP & BOTTOM OF FOOTING.  
2. PLACE BARS IN BOTTOM W/ 3" CLEAR BOTTOM COVER, PLACE BARS IN TOP W/ 2" CLEAR TOP COVER.

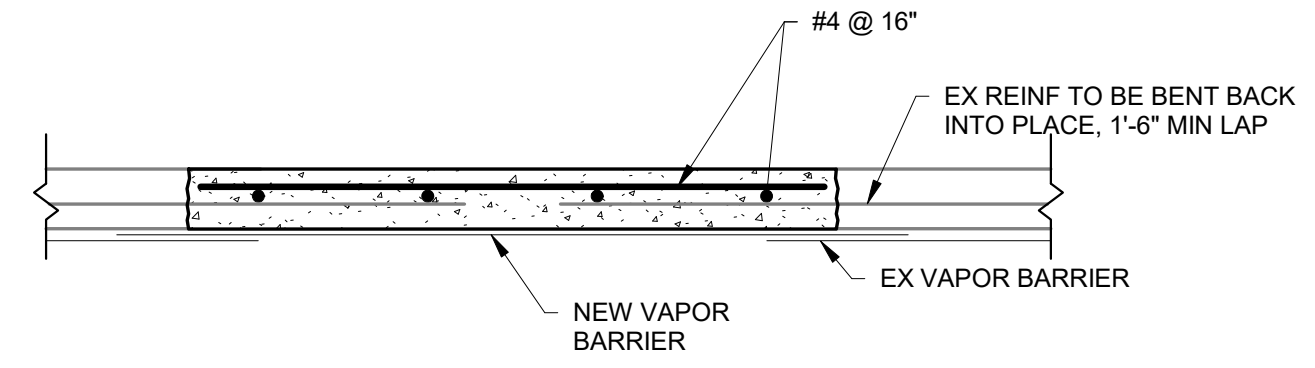
**TYP 6** FOOTING SCHEDULE  
S201 1" = 1'-0"



NOTES:  
1. BEGIN EXCAVATION 6" AWAY FROM SAW CUT. DO NOT UNDERMINE EXISTING SLAB.  
2. IF EXISTING VAPOR BARRIER IS PRESENT, LAP 12" & TAPE NEW VAPOR BARRIER TO EXISTING.  
3. IF NO VAPOR BARRIER IS PRESENT, PROVIDE VAPOR BARRIER TO EDGE OF NEW SLAB.  
4. IF NO EXISTING REINF PRESENT, REINFORCE NEW SLAB AS SHOWN ON DRAWINGS.

**TYP 8** CONCRETE SLAB DEMO  
S201 3/4" = 1'-0"

**TYP 7** WIDENED GRADE BEAM SCHEDULE  
S201 1" = 1'-0"



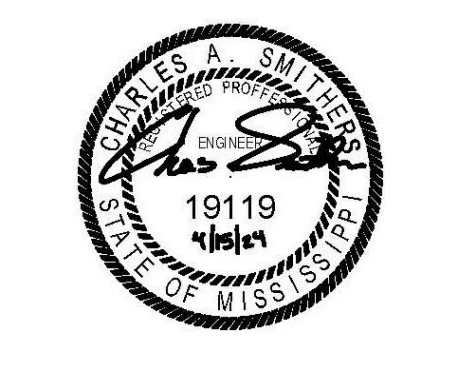
NOTES:  
1. NEW SLAB SHALL BE 5" THICK.  
2. IF EXISTING VAPOR BARRIER IS PRESENT, LAP 12" & TAPE NEW VAPOR BARRIER TO EXISTING.  
3. IF NO VAPOR BARRIER IS PRESENT, PROVIDE VAPOR BARRIER TO EDGE OF NEW SLAB.

**TYP 9** CONCRETE SLAB REPAIR  
S201 3/4" = 1'-0"

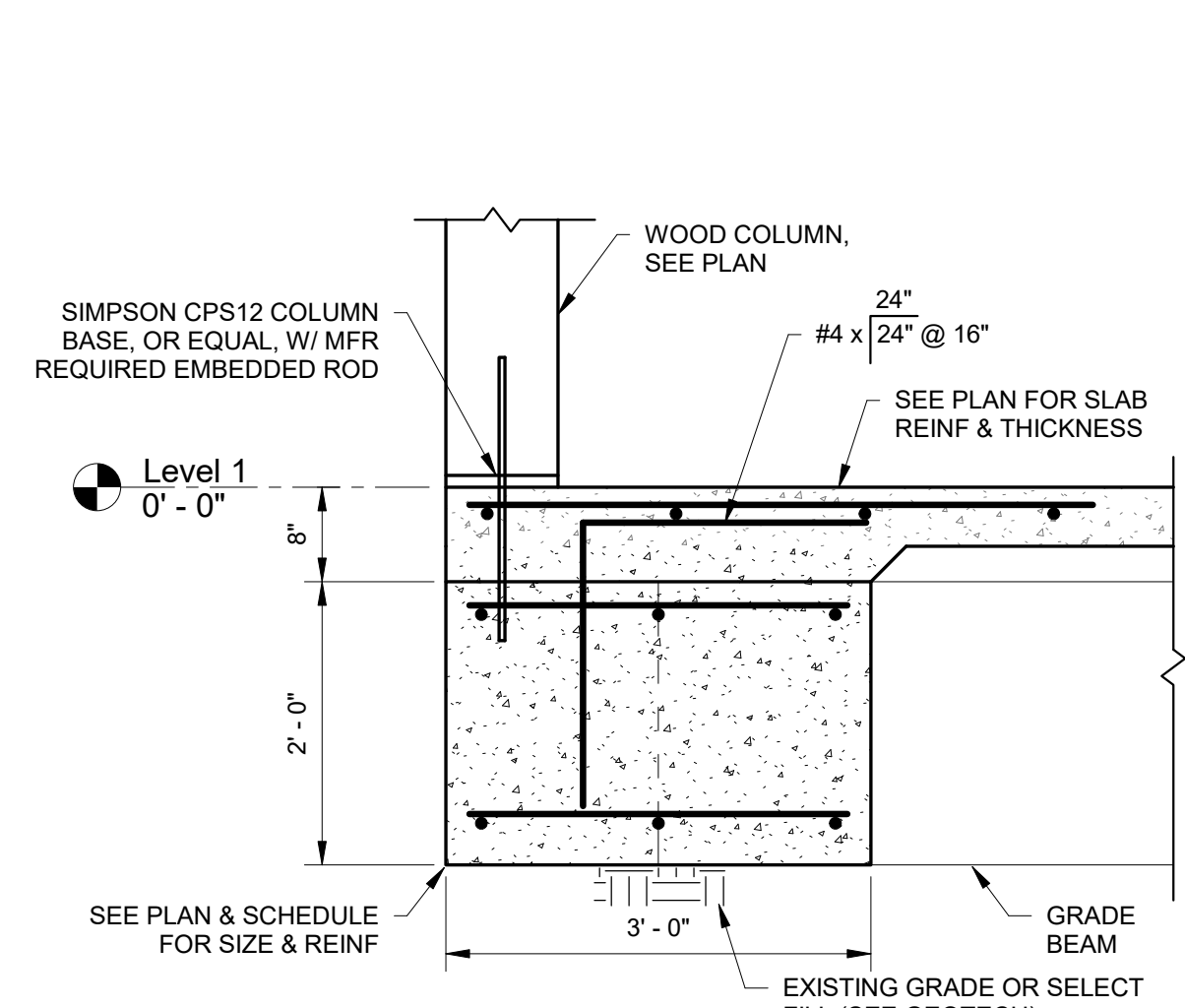
Revisions:

Project Lead:	Project:	Date:	Drawn:	Checked:
STEWART	21007	04.15.2024	KTC	CAS

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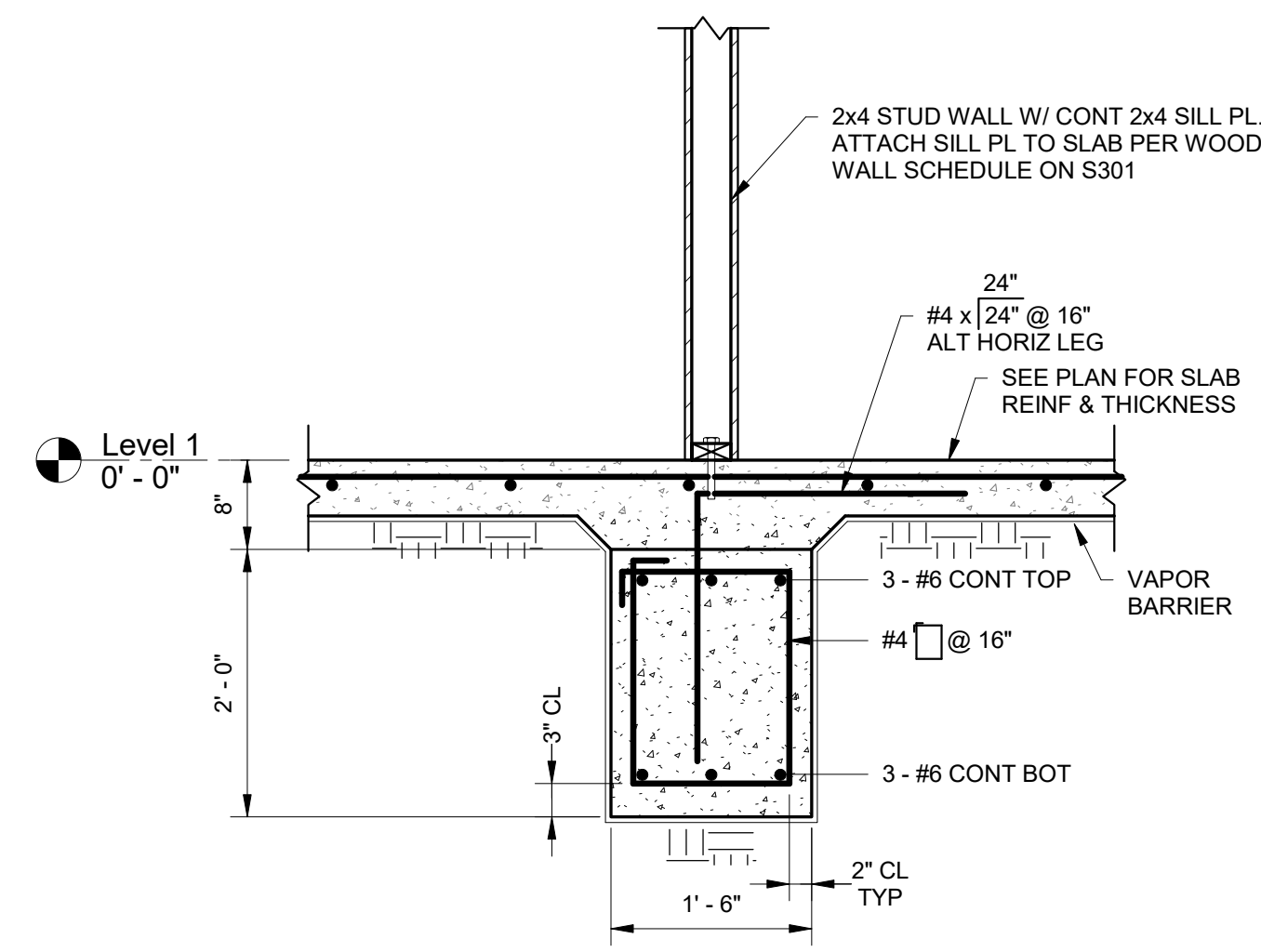




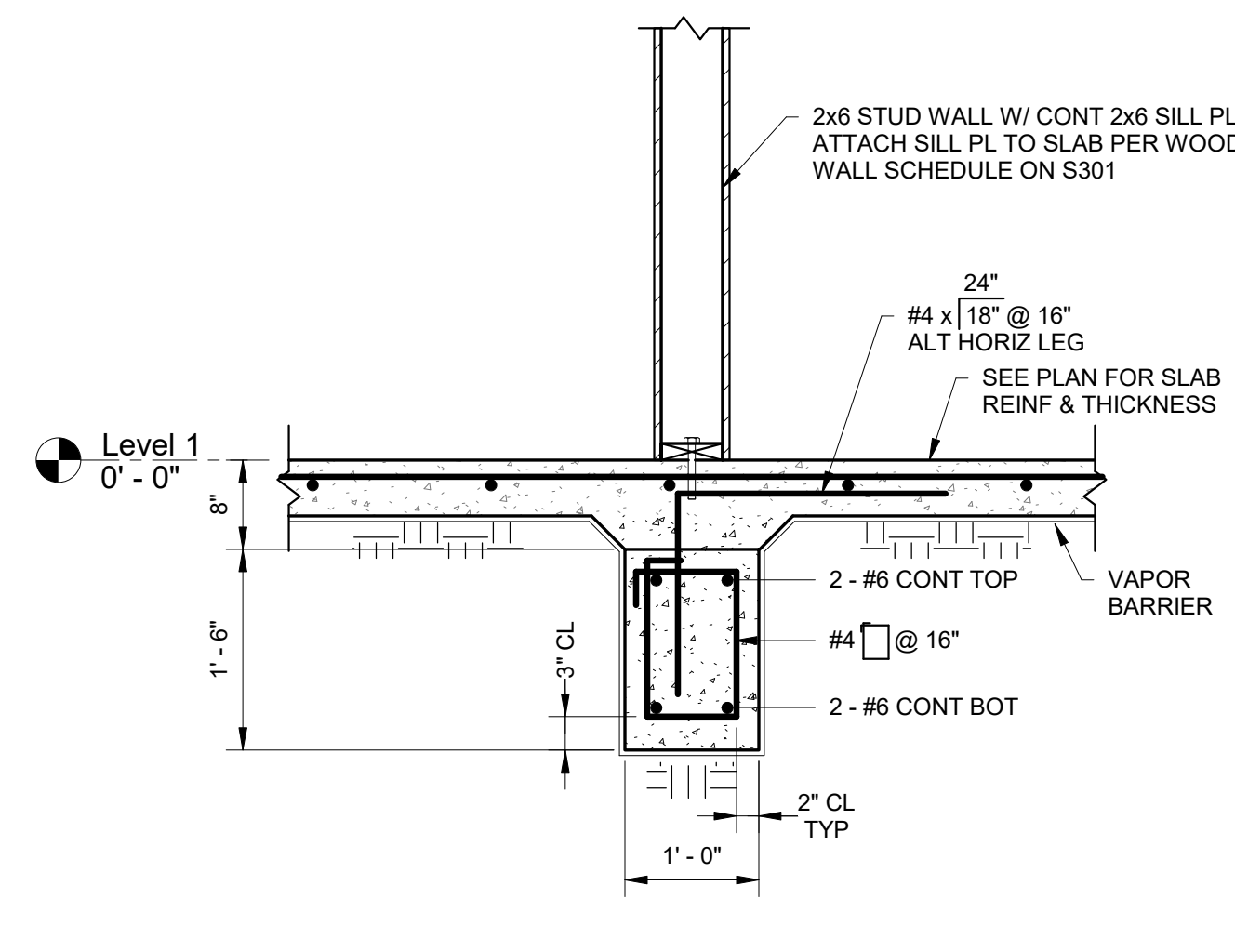


NOTE: GRADE BEAM REINF NOT SHOWN FOR CLARITY. GRADE BEAM REINF CONTINUES THROUGH WIDENED GRADE BEAM. SEE GRADE BEAM DETAILS FOR ADD'L INFO.

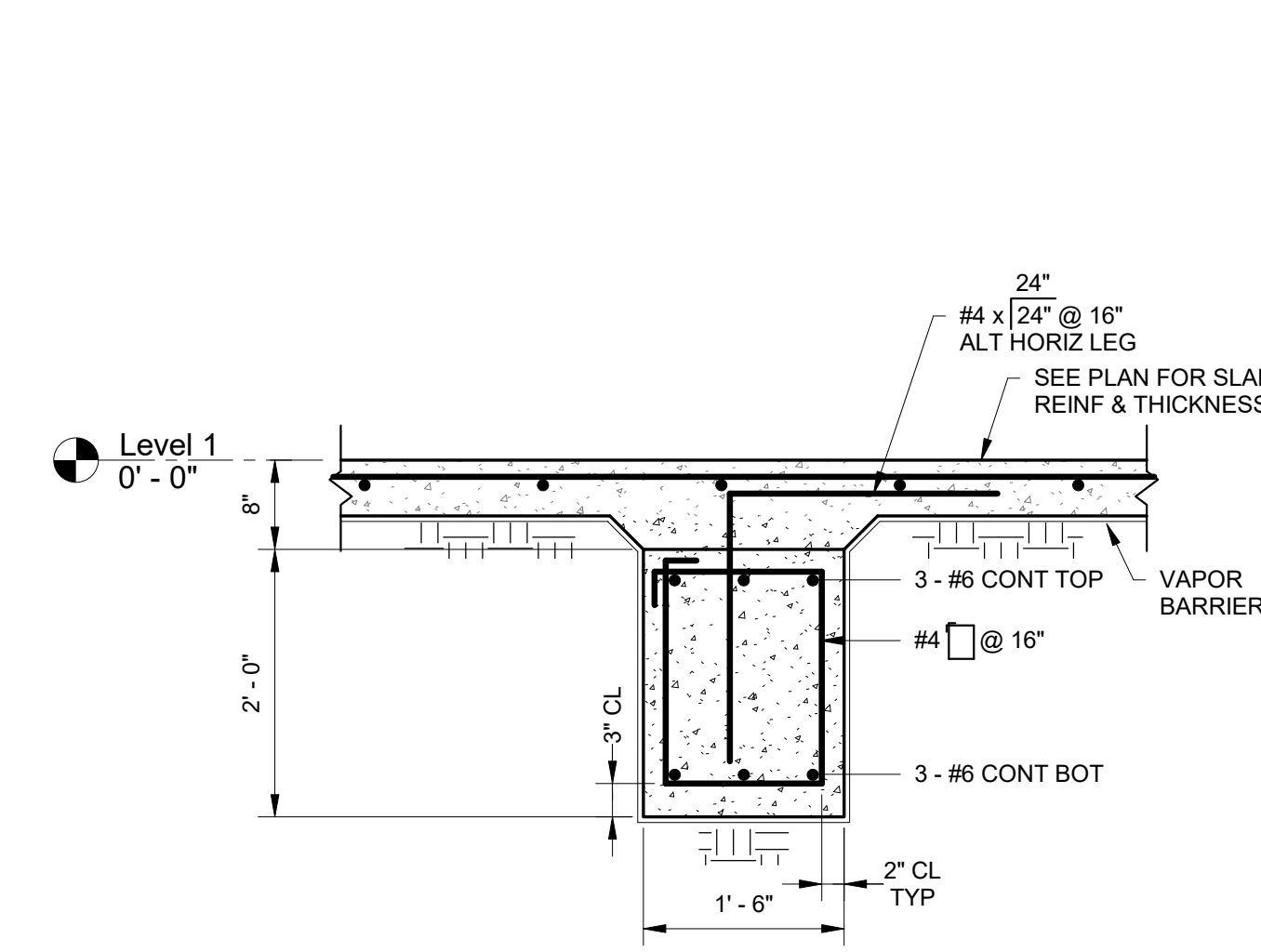
1 Section 1 - S202  
S202 3/4" = 1'-0"



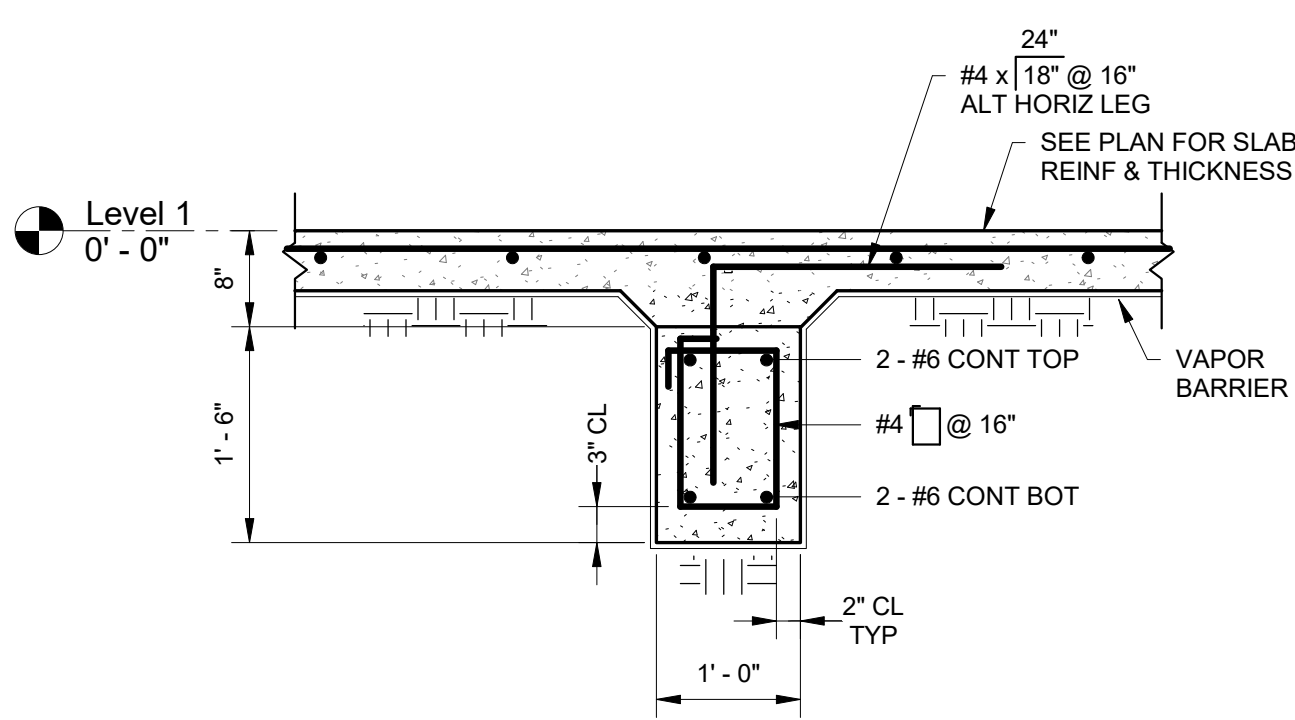
2 Section 2 - S202  
S202 3/4" = 1'-0"



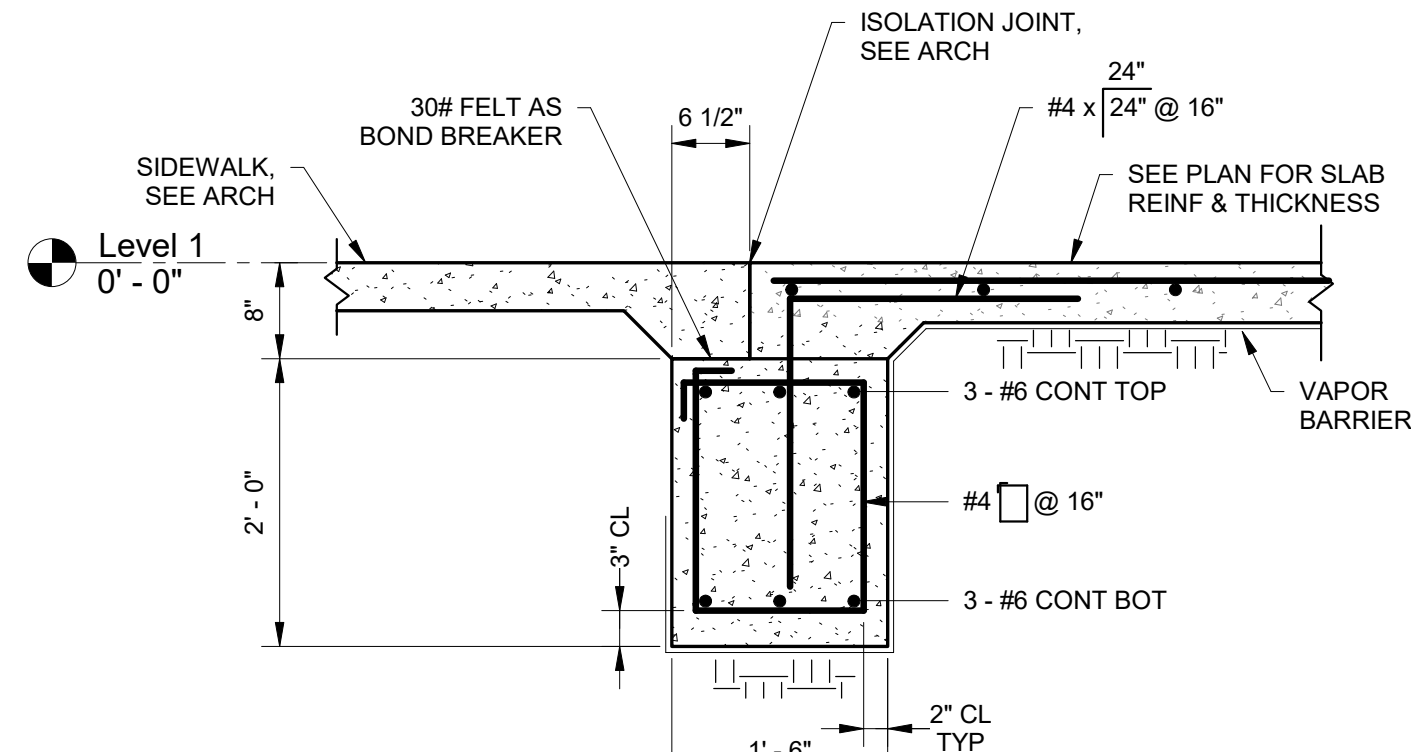
3 Section 3 - S202  
S202 3/4" = 1'-0"



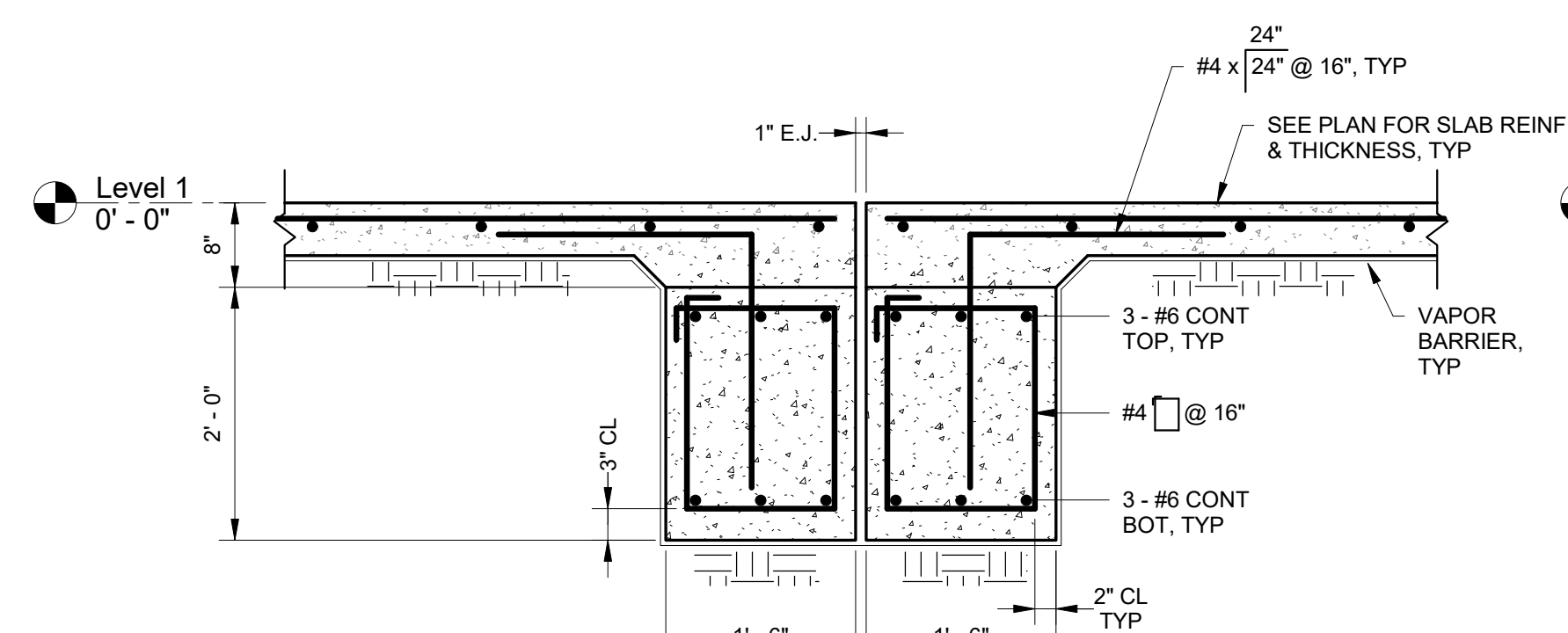
4 Section 4 - S202  
S202 3/4" = 1'-0"



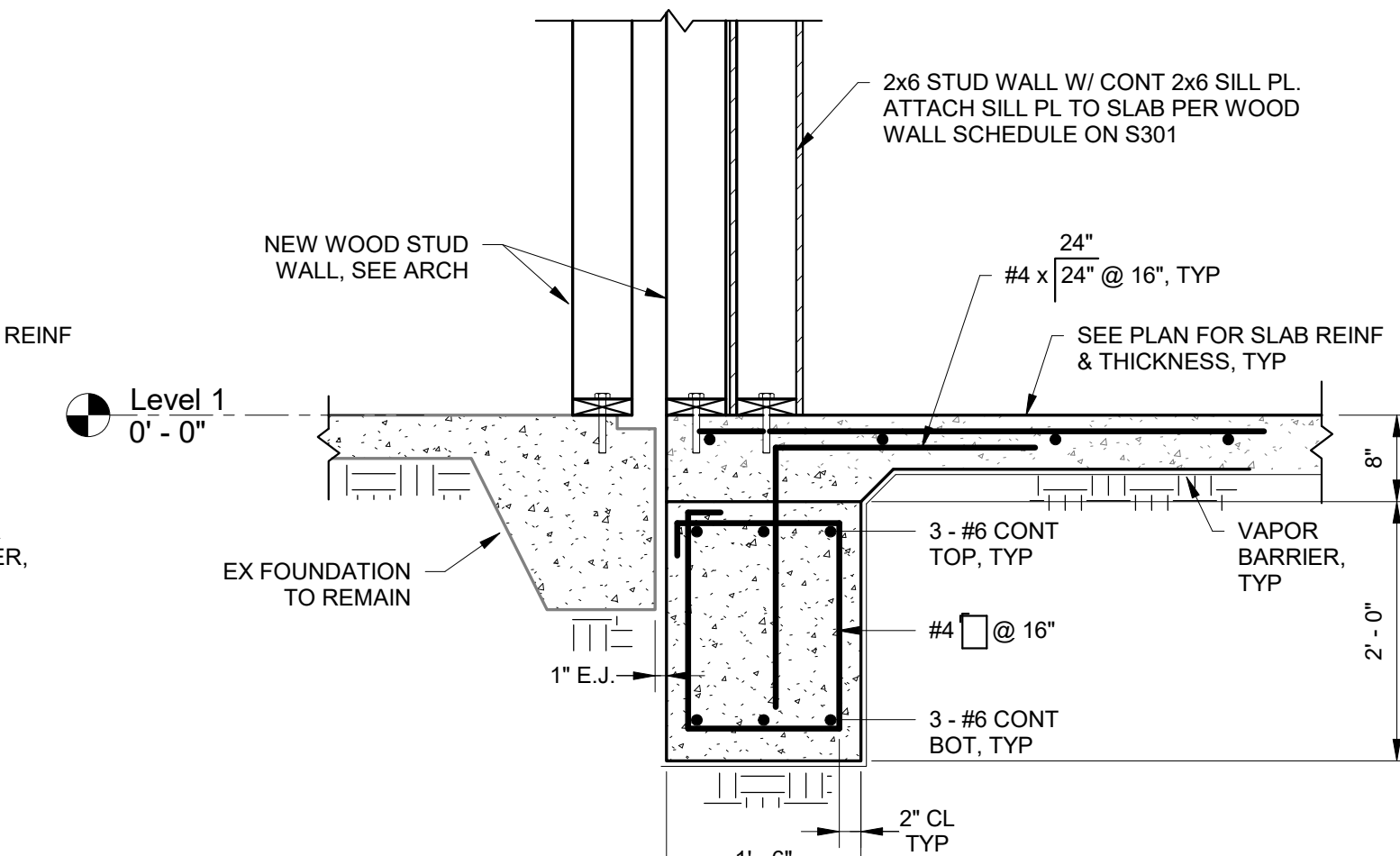
5 Section 5 - S202  
S202 3/4" = 1'-0"



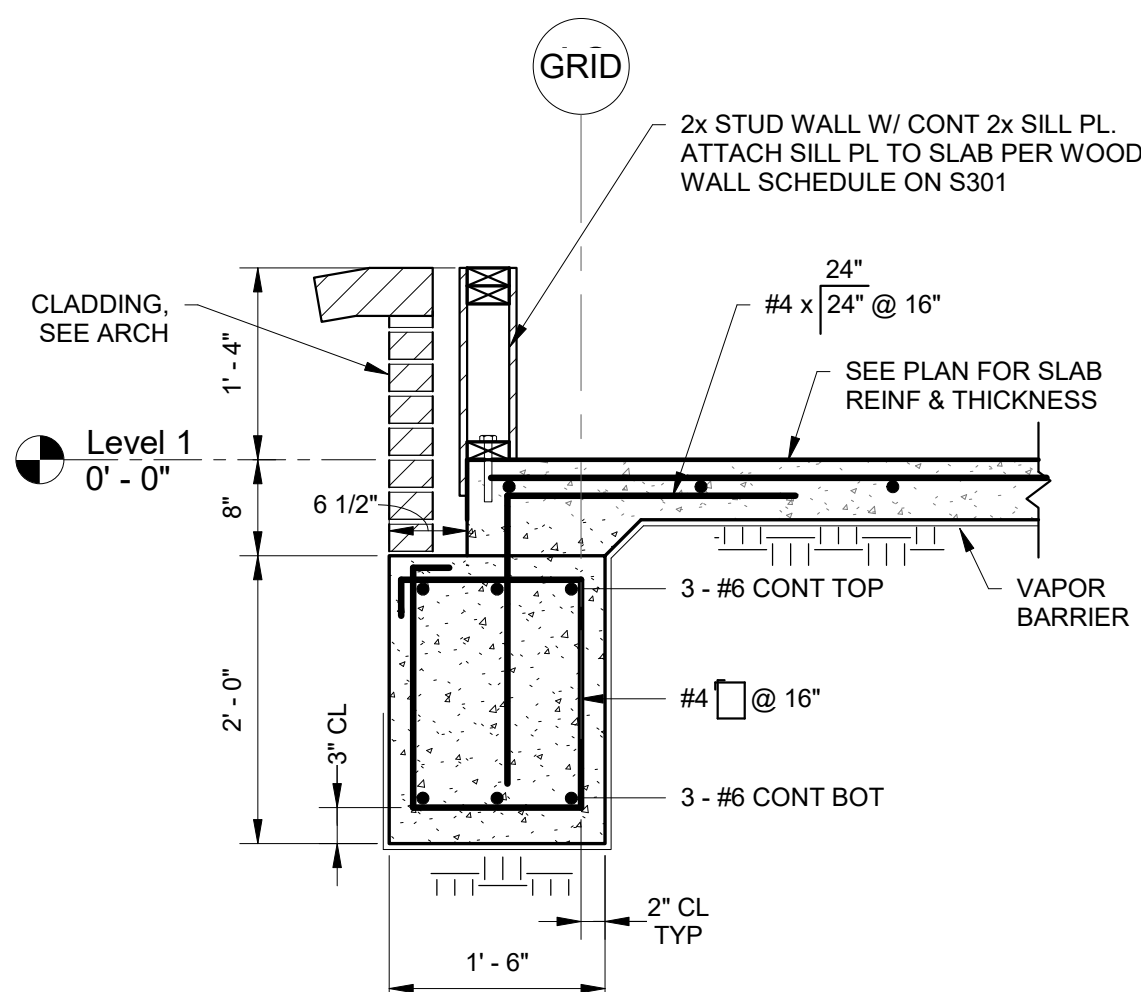
6 Section 6 - S202  
S202 3/4" = 1'-0"



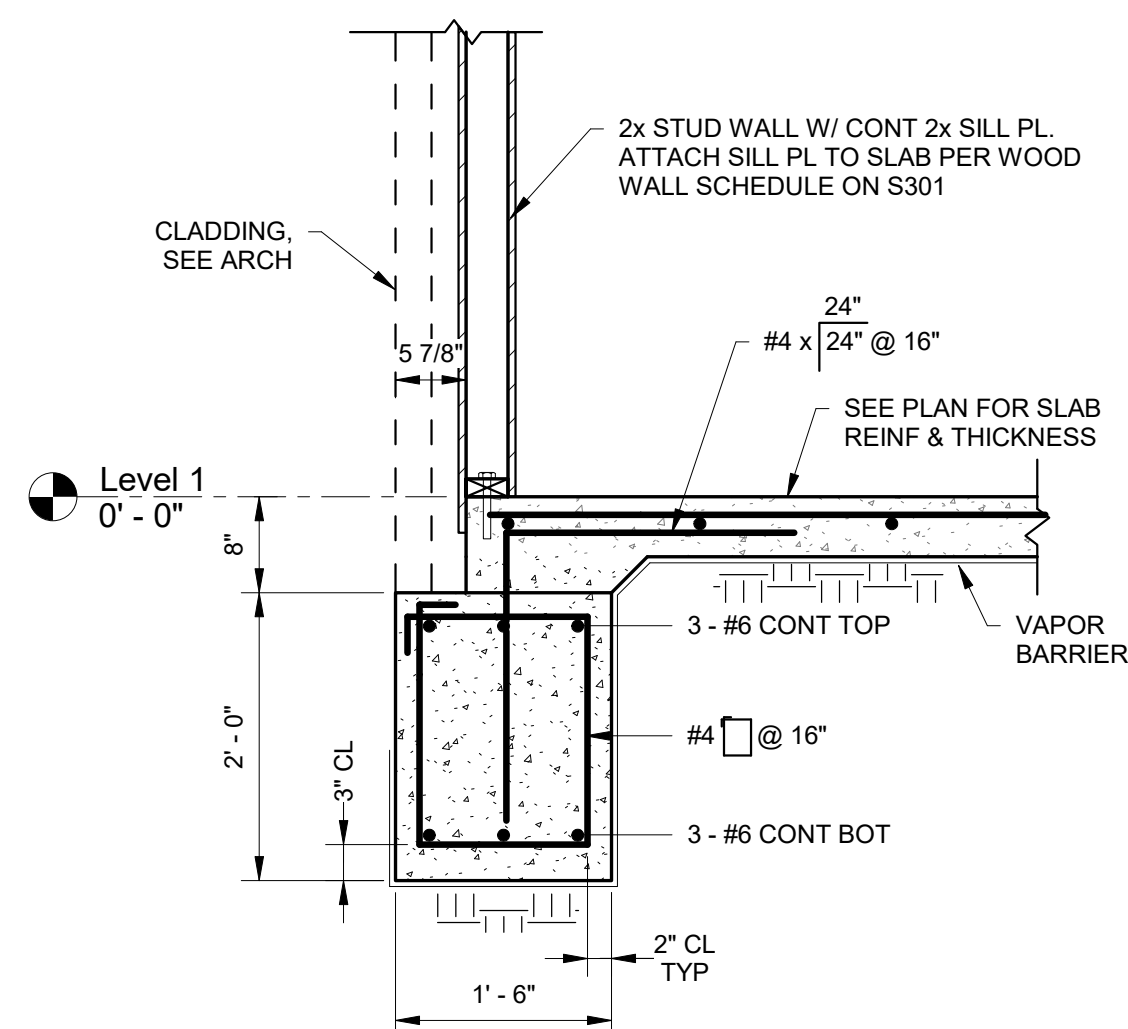
7 Section 7 - S202  
S202 3/4" = 1'-0"



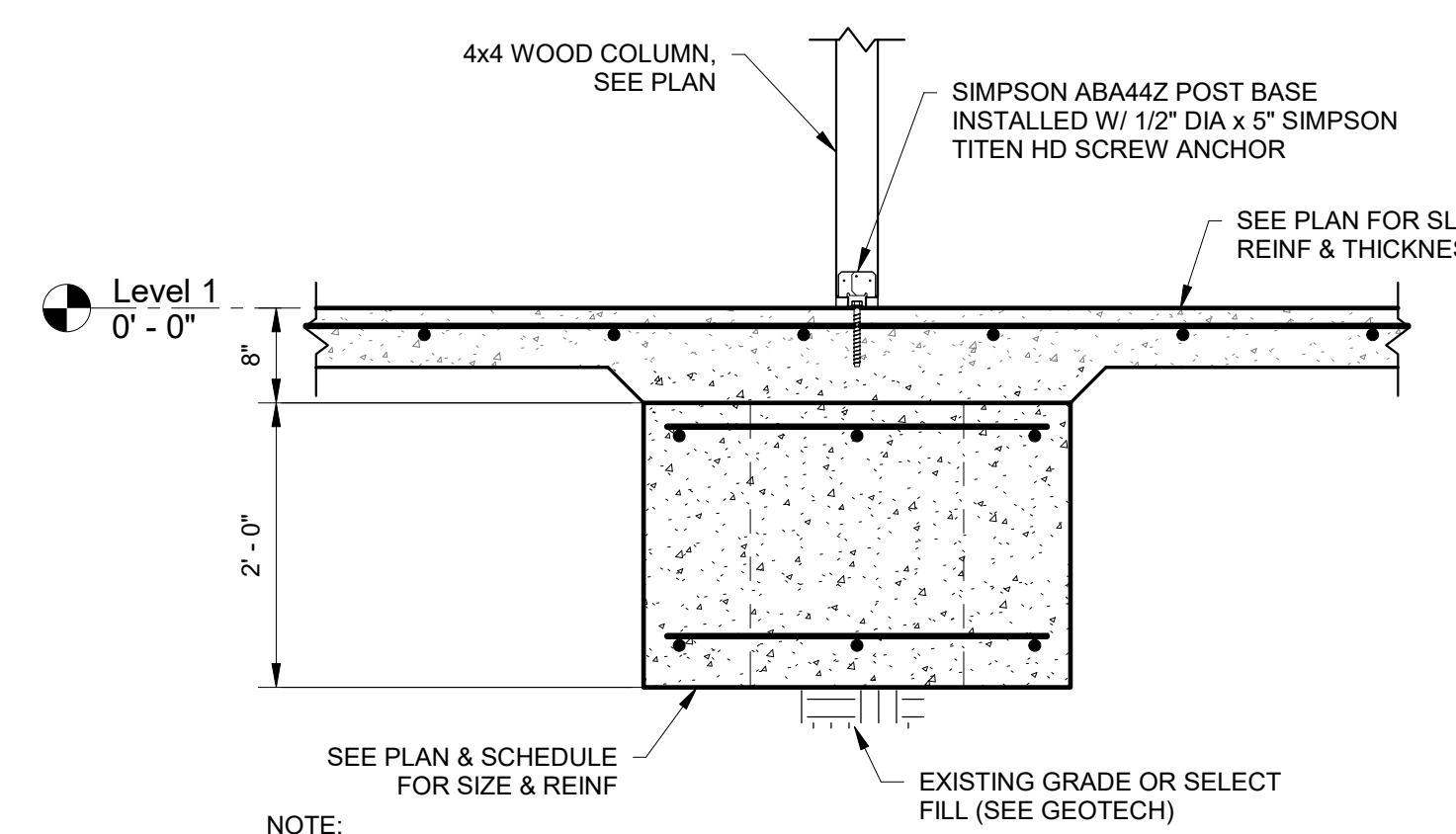
8 Section 8 - S202  
S202 3/4" = 1'-0"



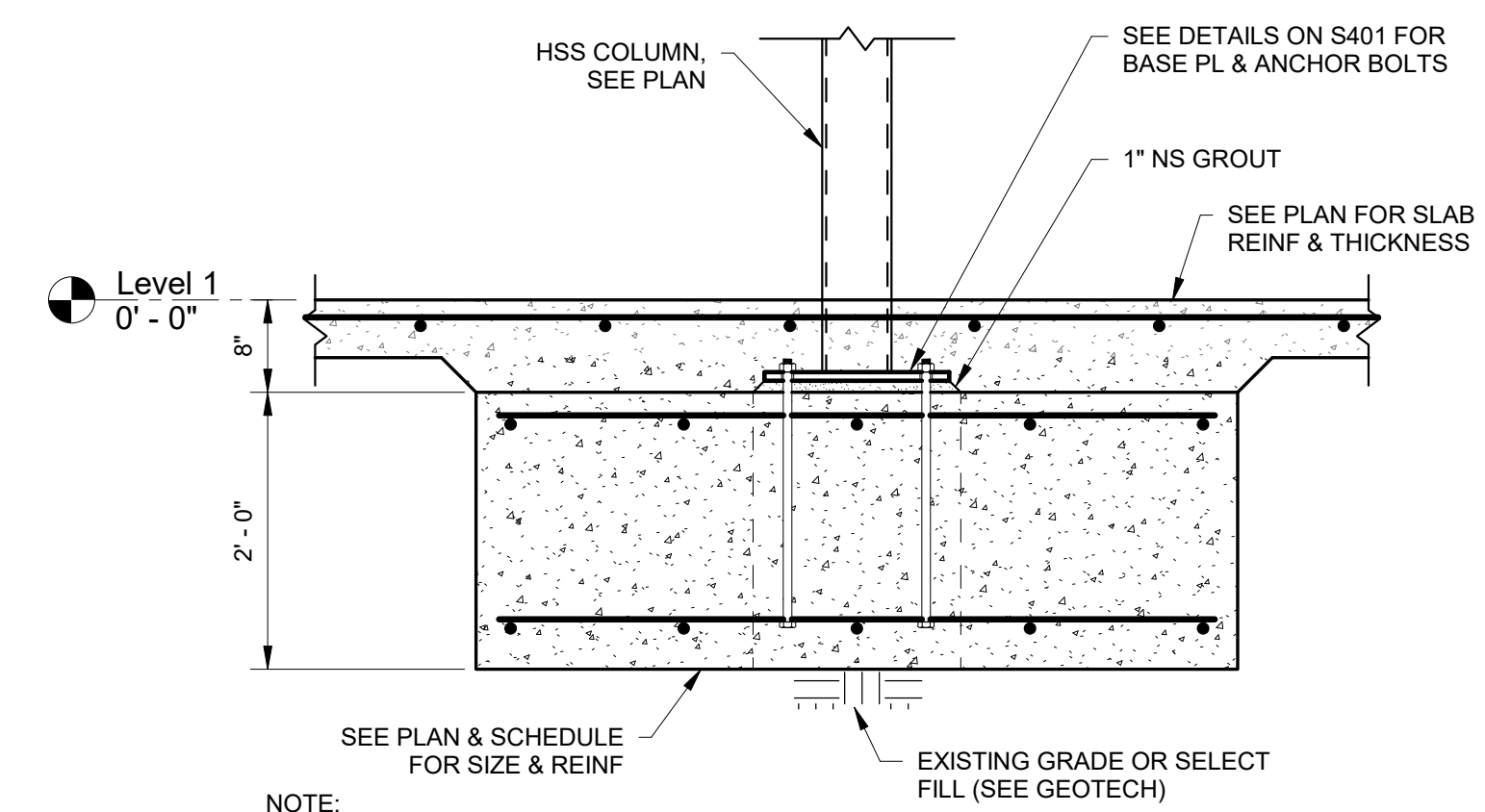
9 Section 9 - S202  
S202 3/4" = 1'-0"



10 Section 10 - S202  
S202 3/4" = 1'-0"



11 Section 11 - S202  
S202 3/4" = 1'-0"



12 Section 12 - S202  
S202 3/4" = 1'-0"

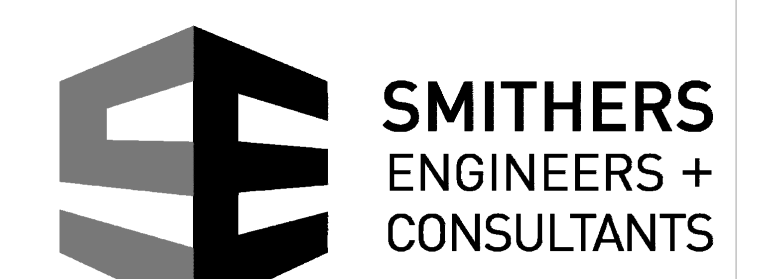
Revisions:

1	STEWART	21007	KTC	CAS
2				
3		04.15.2024		

Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: KTC  
Checked: CAS

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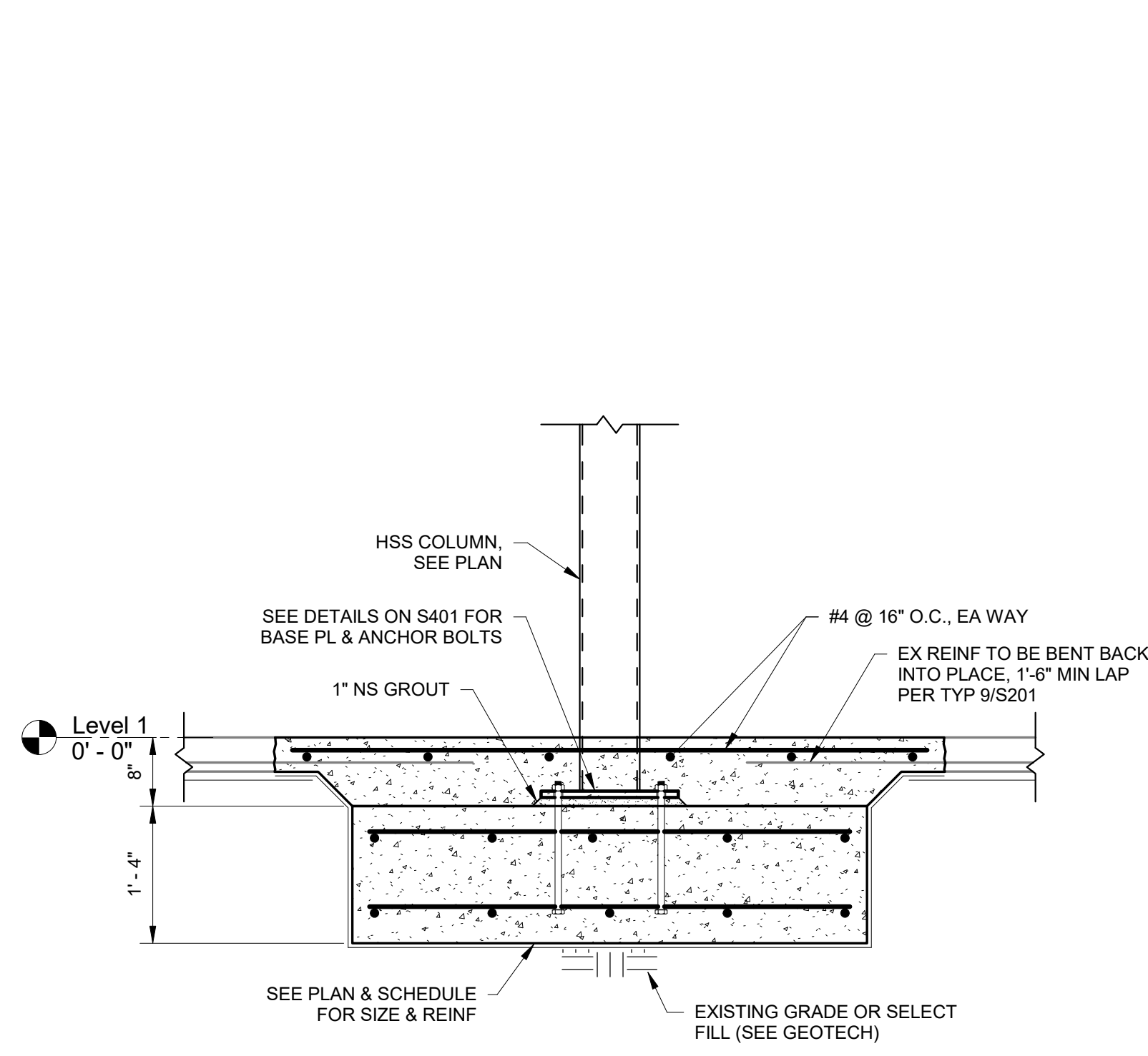
**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR., BROOKHAVEN, MS 39601



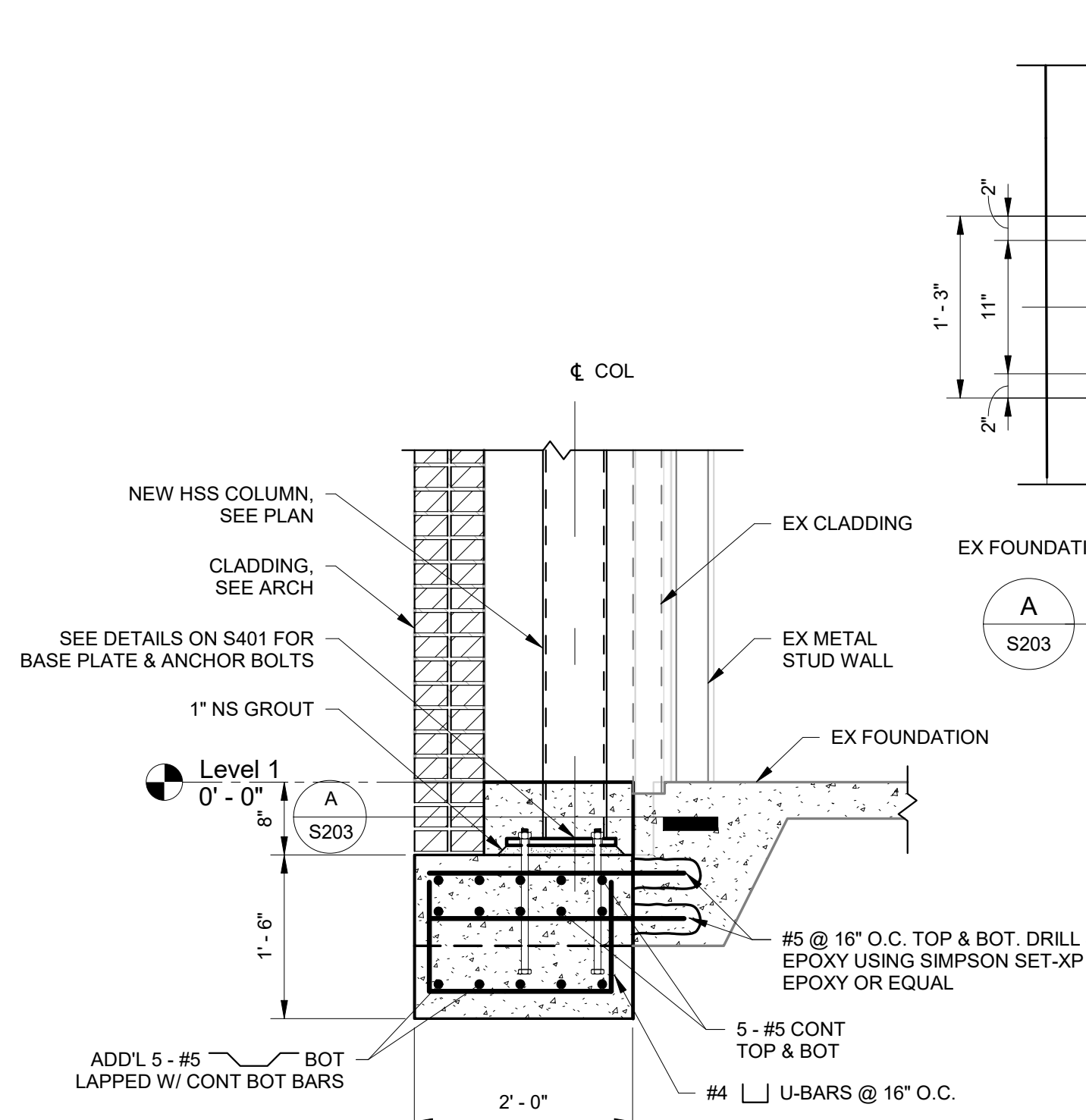
FOUNDATION DETAILS

**S202**

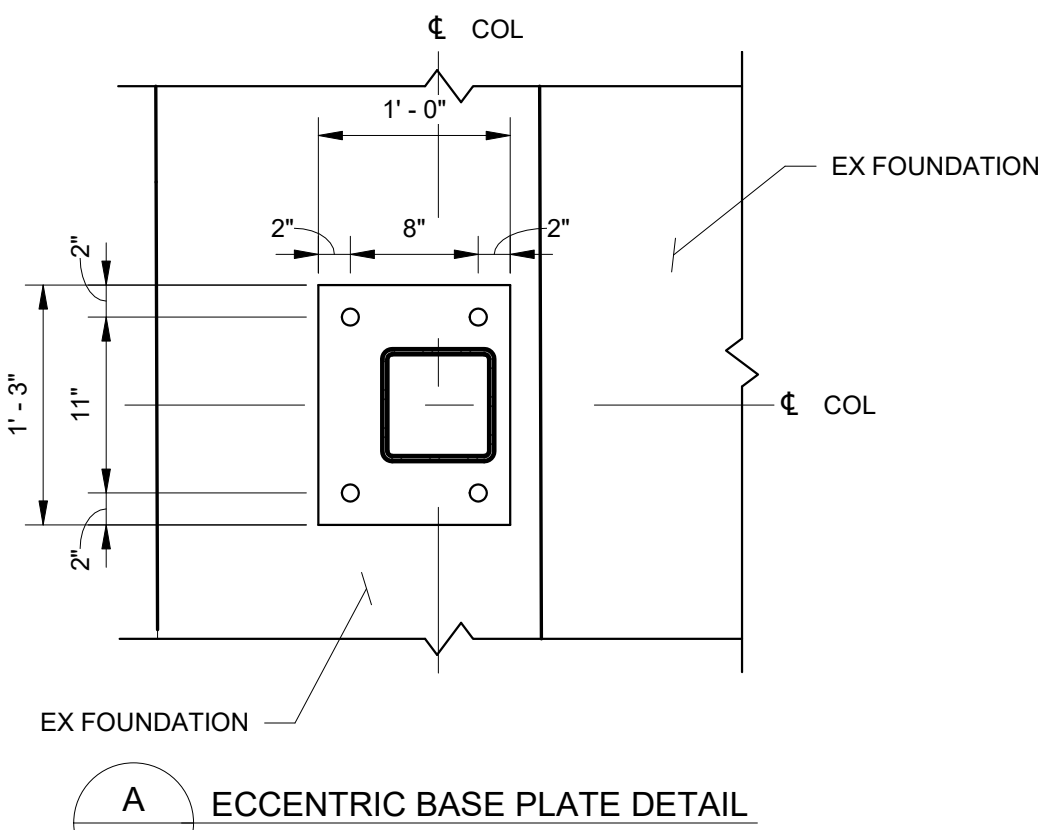




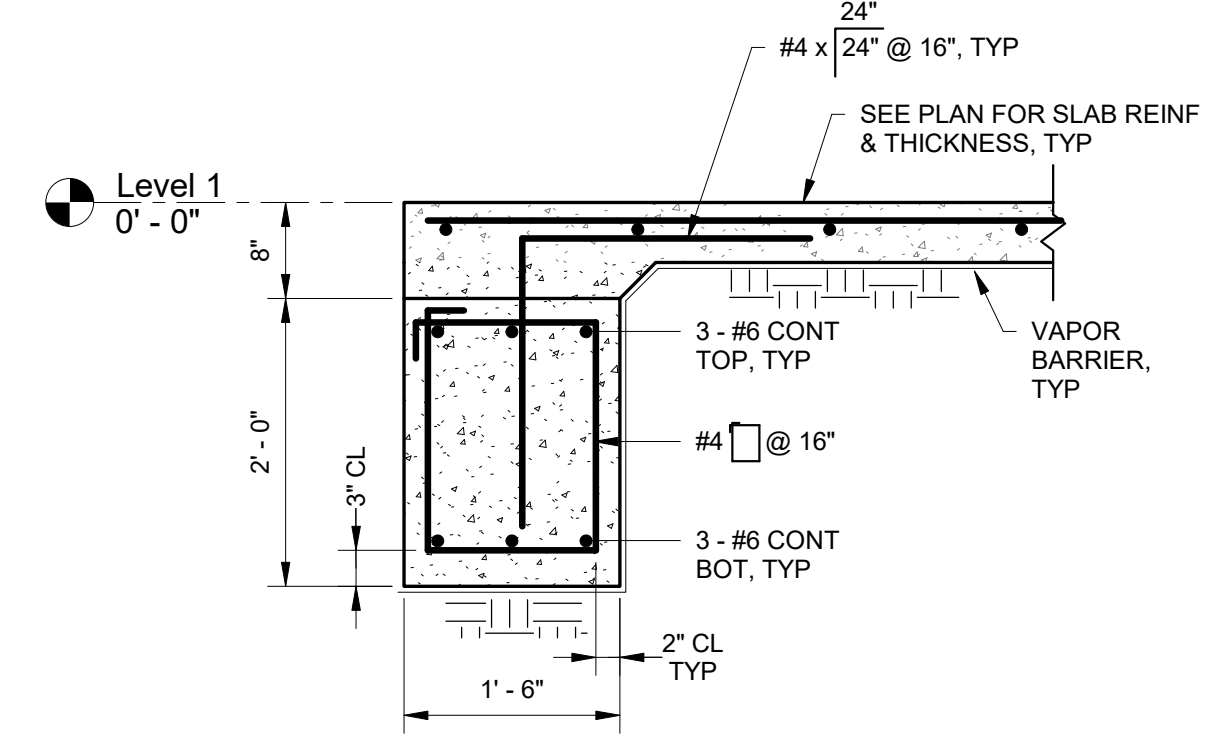
1 Section 1 - S203  
3/4" = 1'-0"



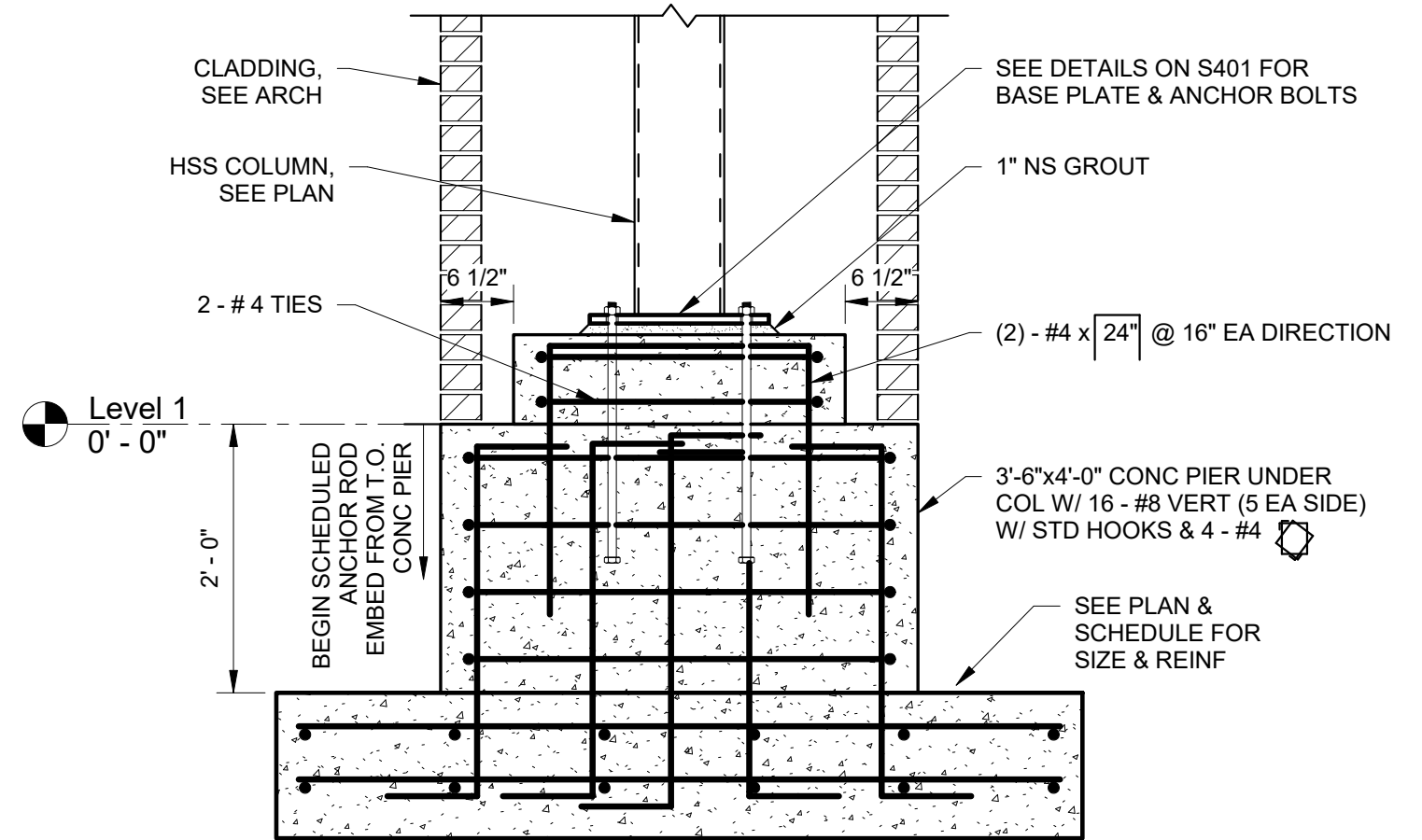
2 Section 2 - S203  
3/4" = 1'-0"



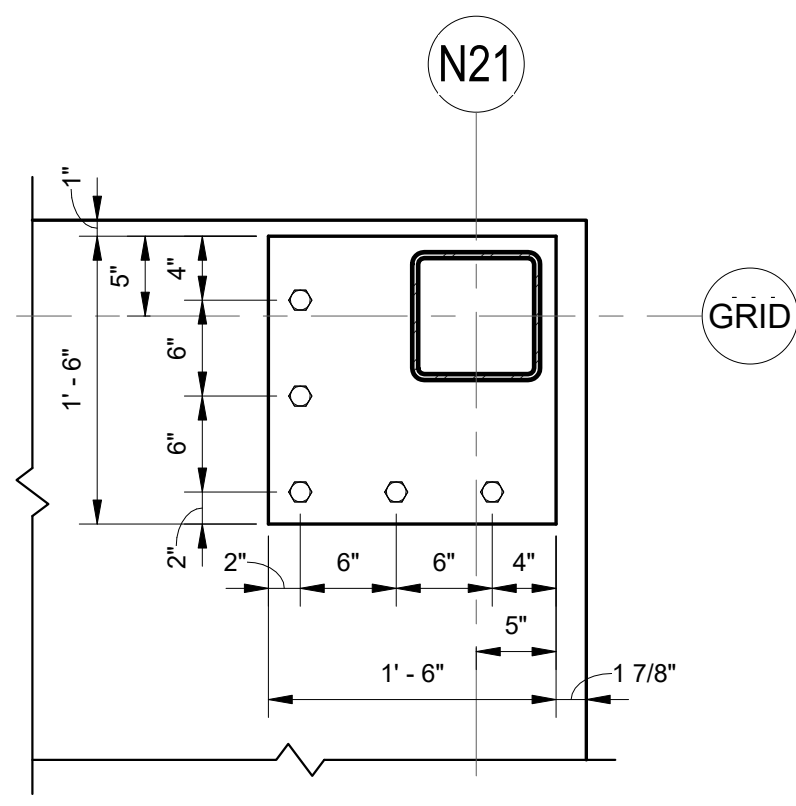
A ECCENTRIC BASE PLATE DETAIL  
1" = 1'-0"



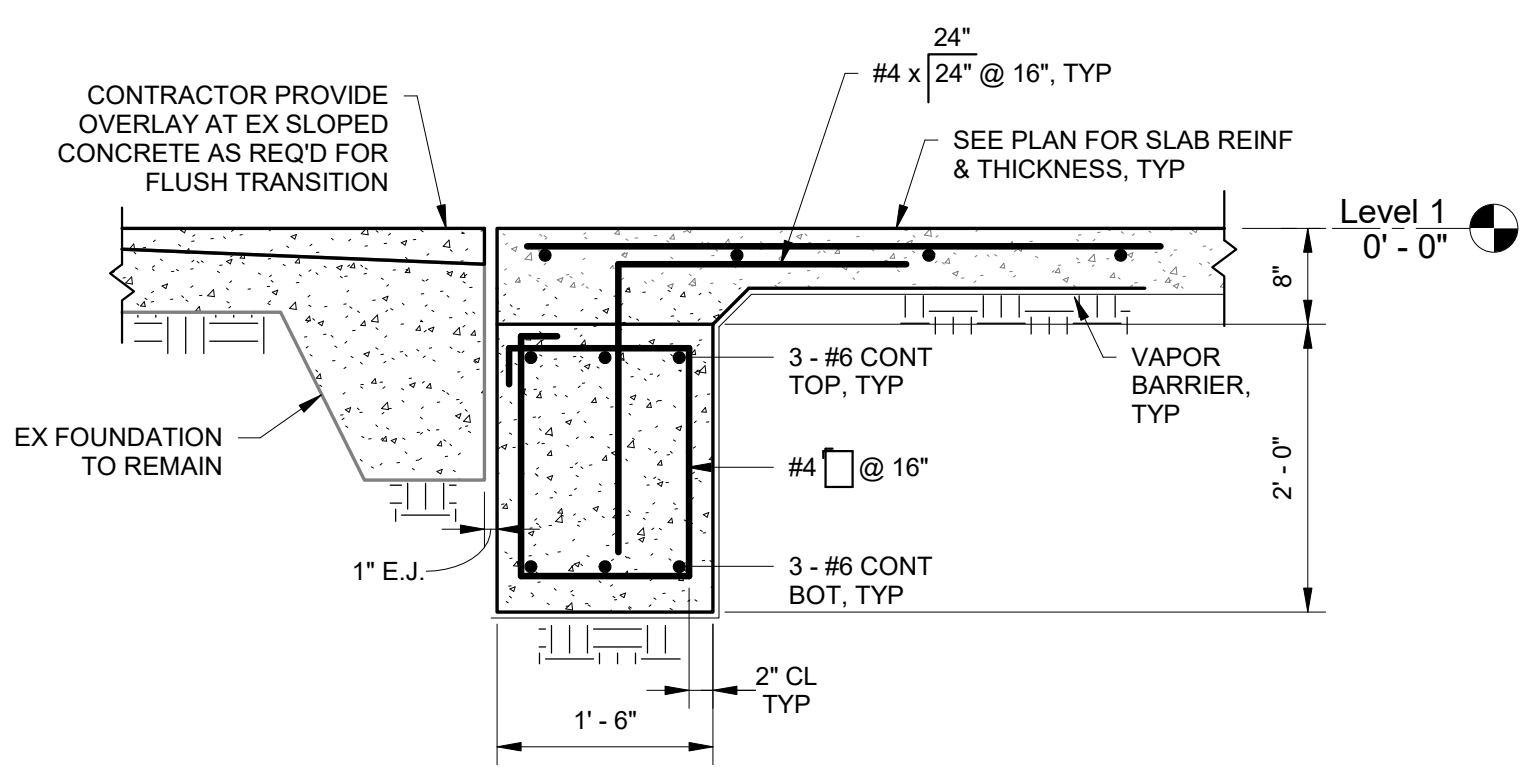
3 Section 3 - S203  
3/4" = 1'-0"



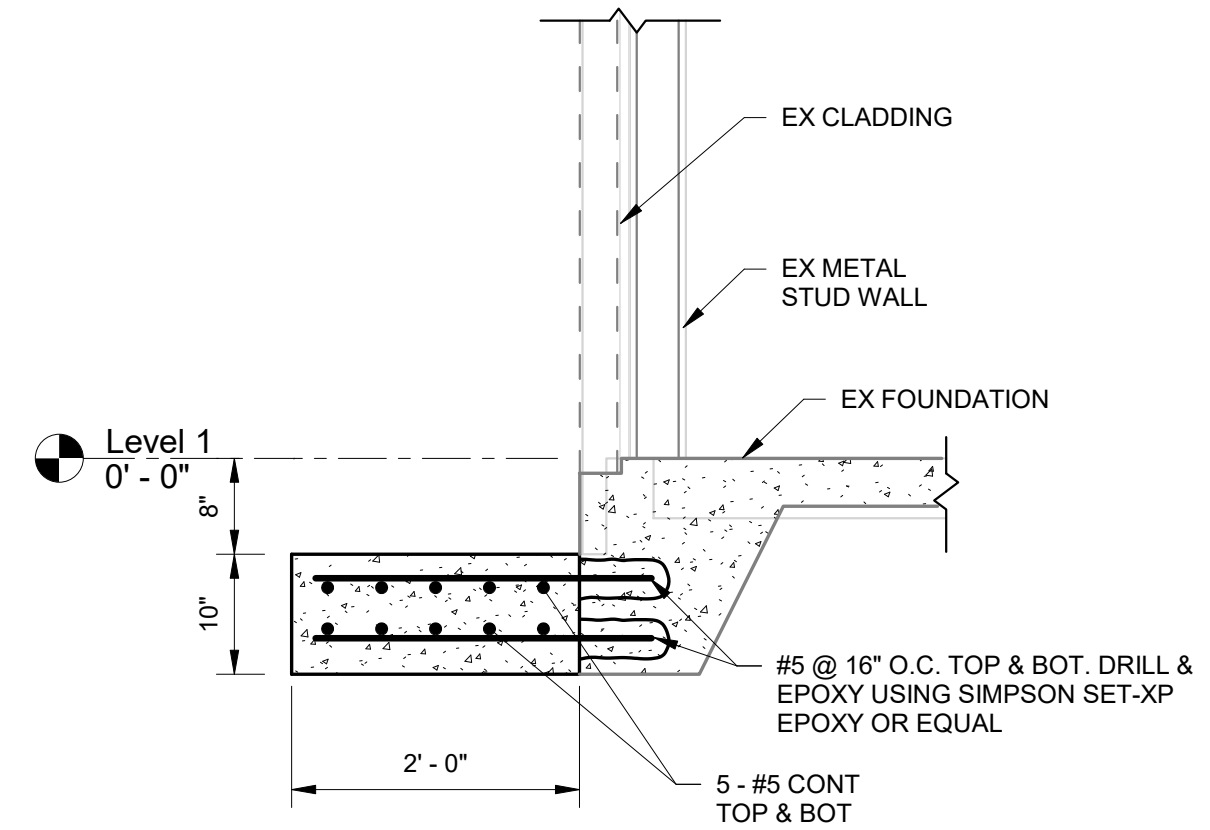
4 Section 4 - S203  
3/4" = 1'-0"



5 Section 5 - S203  
1" = 1'-0"



6 Section 6 - S203  
3/4" = 1'-0"



7 Section 7 - S203  
3/4" = 1'-0"

Revisions:

1	STEWART
2	21007
3	04.15.2024
	KTC
	CAS

Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: KTC  
Checked: CAS

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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR.,  
BROOKHAVEN, MS 39601



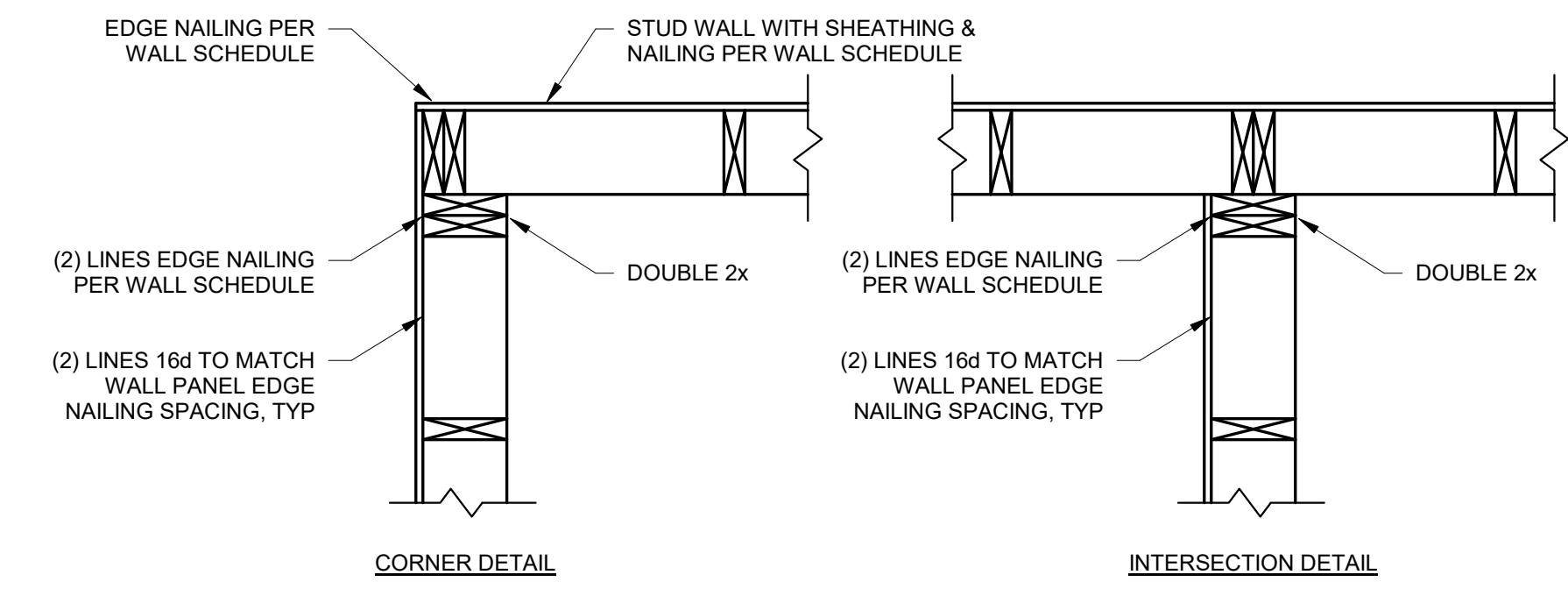


**WOOD WALL NOTES:**

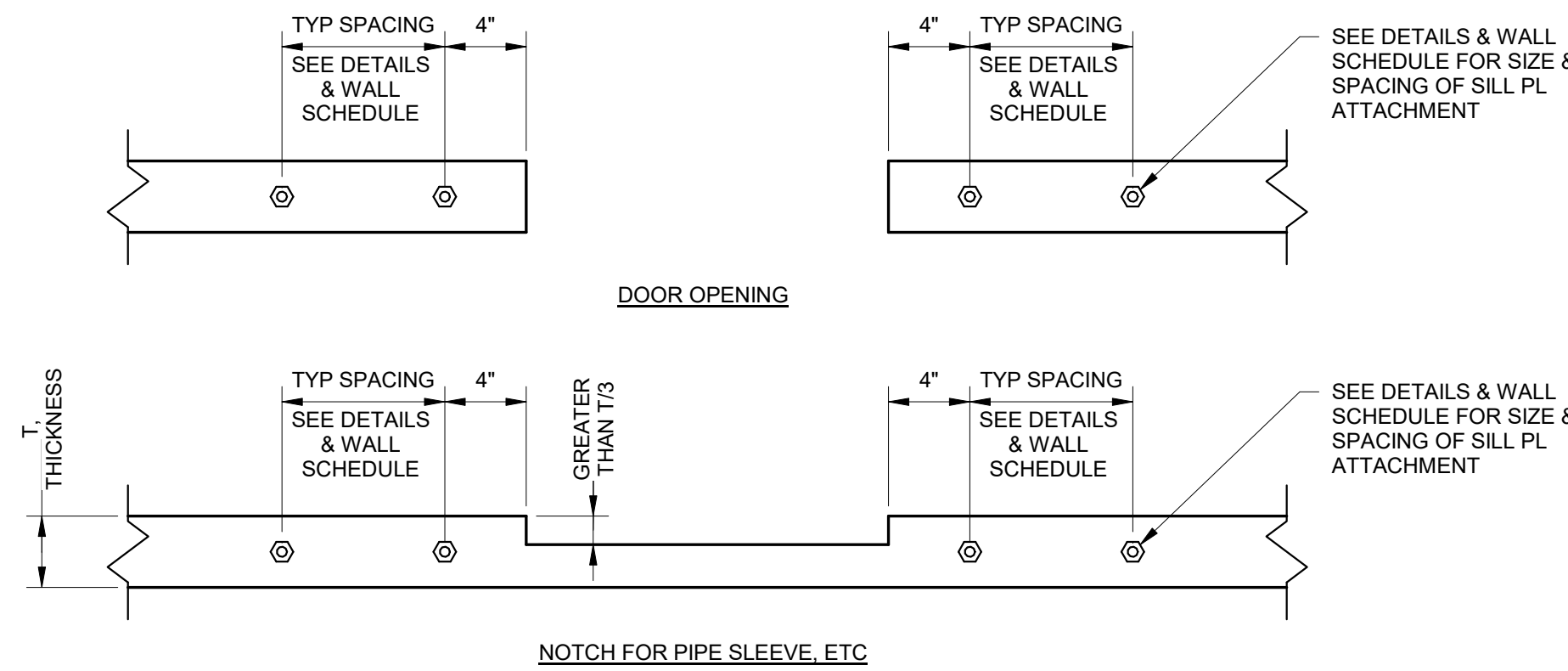
1. NAIL EXTERIOR AND INTERIOR WALL APA RATED SHEATHING WITH COMMON WIRE NAILS PER WALL SCHEDULE.
2. MINIMUM NAILING FOR ALL WOOD STRUCTURAL PANELS, WHEN NOT SPECIFIED, SHALL BE 8d COMMON WIRE NAILS @ 6" O.C. AT ALL BLOCKED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS (IN FIELD). EDGE BLOCKING IS REQUIRED AT WALLS ONLY. UNO.
3. BLOCK SHEATHING EDGES AT WALLS WHERE SHOWN ON TYPICAL DETAIL AND SCHEDULE.
4. PROVIDE (4) - 16d NAILS, TOENAILED 2 EA SIDE AT TOP AND BOTTOM OF EACH STUD CONNXT TO SILL PL AND TOP PL.
5. STAGGER ALL SHEATHING EDGES AT STUDS.
6. HOLDDOWNS SHALL BE PROVIDED AT END OF ALL SHEARWALLS AS SHOWN ON SCHEDULE.
7. ALL WALLS SHOWN ON THE PLANS ARE FULL HEIGHT OF WALL.
8. SEE THE SIMPSON CATALOG AND ICBO REPORT FOR THE REQUIREMENTS AND DETAILS OF EACH TYPE OF HOLDDOWN AND MANUFACTURER'S INSTALLATION RECOMMENDATIONS.
9. PROVIDE SILL PL TO FOUNDATION CONNECTION ON EACH SIDE OF SPLICE IN SILL PL.
10. PROVIDE SILL PL TO FOUNDATION CONNECTION ON EACH SIDE OF PENETRATIONS THRU SILL PL THAT ARE LARGER THAN ONE-THIRD THE WIDTH OF SILL PL.
11. BLOCK WALLS AT 4'-0" MAX & AT EDGE OF SHEATHING PANELS.
12. 6d NAILS SHALL HAVE A MINIMUM PENETRATION INTO FRAMING OF 1 1/4".  
8d NAILS SHALL HAVE A MINIMUM PENETRATION INTO FRAMING OF 1 3/8".  
10d NAILS SHALL HAVE A MINIMUM PENETRATION INTO FRAMING OF 1 1/2".
13. SEE WALL ASSEMBLY DETAILS.
14. ENTIRE WALL MUST BE INSPECTED BEFORE INSTALLING WALL COVERING.
15. WHERE ONLY A PORTION OF A WALL IS DESIGNATED AS A SHEARWALL, CONTINUE THE SHEATHING SPECIFIED IN THE WALL SCHEDULE FOR THE FULL LENGTH OF THE WALL, INCLUDING ABOVE AND BELOW WALL OPENINGS.

WALL MARK	STUD SIZE	PANEL NAILING								SILL PL TO FOUNDATION		HOLDOWN			
		SIDE 1				SIDE 2				PL	ANCHOR BOLTS	HOLDOWN TYPE	ANCHOR BOLT	MIN NO OF STUDS	SCREWS REQUIRED AT STUDS
		SHEATHING PANEL	SIZE	EDGE NAILING	FIELD NAILING	SHEATHING PANEL	SIZE	EDGE NAILING	FIELD NAILING						
1	2 x @ 16"	15/32" STRUCTURAL SHEATHING	8d	6" O.C.	12" O.C.	5/8" GYPSUM WALLBOARD	6d	7" O.C.	12" O.C.	2x	5/8" DIA @ 32" O.C.	HDU4-SDS2.5	5/8" DIA SSTB16 W/ 12 5/8" MIN EMBED	2	10-SDS 1/4" x 2 1/2"
2	2 x @ 16"	5/8" GYPSUM WALLBOARD	6d	4" O.C.	12" O.C.	5/8" GYPSUM WALLBOARD	6d	4" O.C.	12" O.C.	2x	5/8" DIA @ 32" O.C.	HDU4-SDS2.5	5/8" DIA SSTB16 W/ 12 5/8" MIN EMBED	2	10-SDS 1/4" x 2 1/2"
3	2 x @ 16"	15/32" STRUCTURAL SHEATHING	8d	6" O.C.	12" O.C.	5/8" GYPSUM WALLBOARD	6d	7" O.C.	12" O.C.	2x	5/8" DIA @ 48" O.C.	N/A	N/A	N/A	N/A
4	2 x @ 16"	5/8" GYPSUM WALLBOARD	6d	7" O.C.	12" O.C.	5/8" GYPSUM WALLBOARD	6d	7" O.C.	12" O.C.	2x	5/8" DIA @ 48" O.C.	N/A	N/A	N/A	N/A

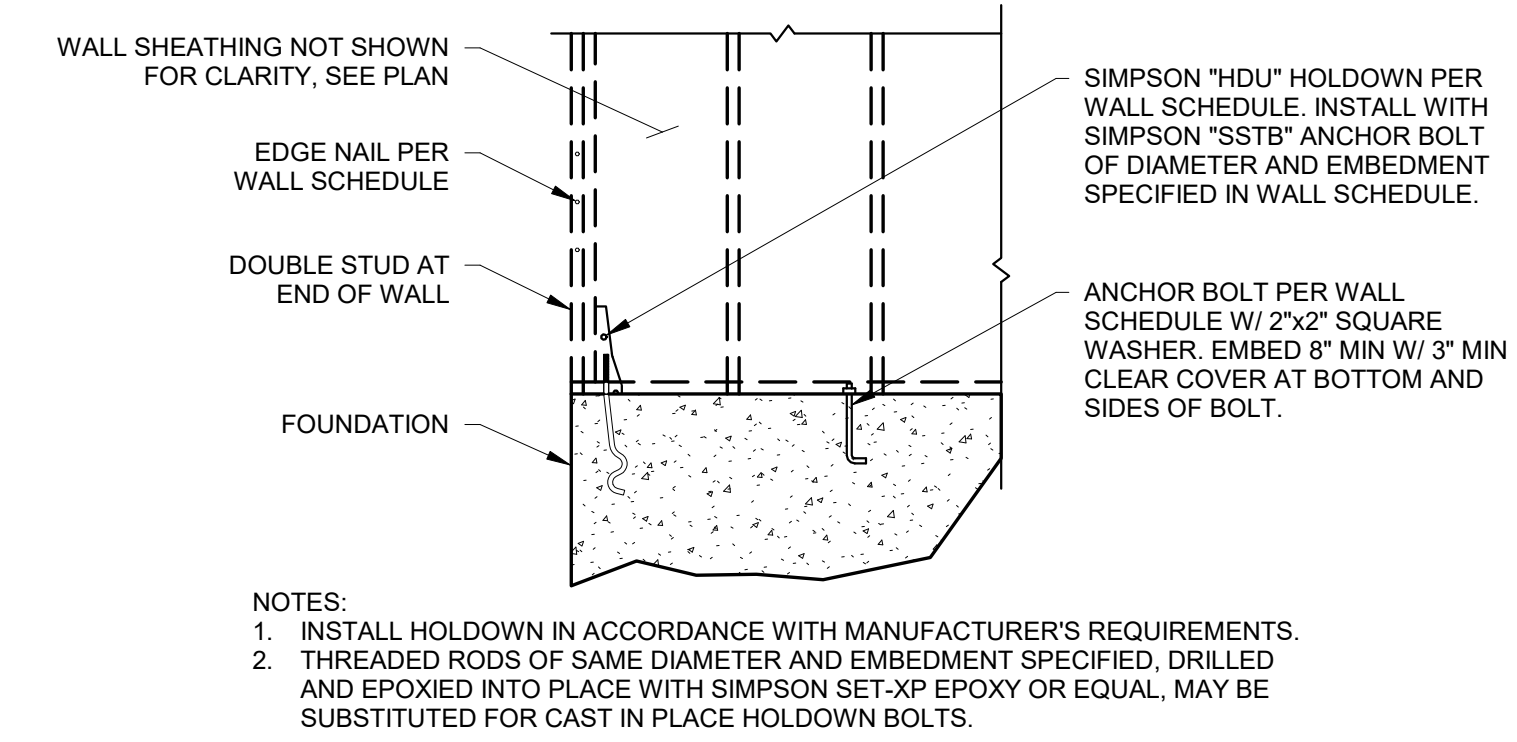
**TYP 1 STRUCTURAL WOOD WALL SCHEDULE**  
S301 3/4" = 1'-0"



**TYP 2 TYPICAL WALL FRAMING DETAILS**  
S301 1" = 1'-0"



**TYP 5 TYPICAL SILL PL ATTACHMENT**  
S301 1 1/2" = 1'-0"



- NOTES:**
1. INSTALL HOLDDOWN IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
  2. THREADED RODS OF SAME DIAMETER AND EMBEDMENT SPECIFIED, DRILLED AND EPOXIED INTO PLACE WITH SIMPSON SET-XP EPOXY OR EQUAL, MAY BE SUBSTITUTED FOR CAST IN PLACE HOLDDOWN BOLTS.

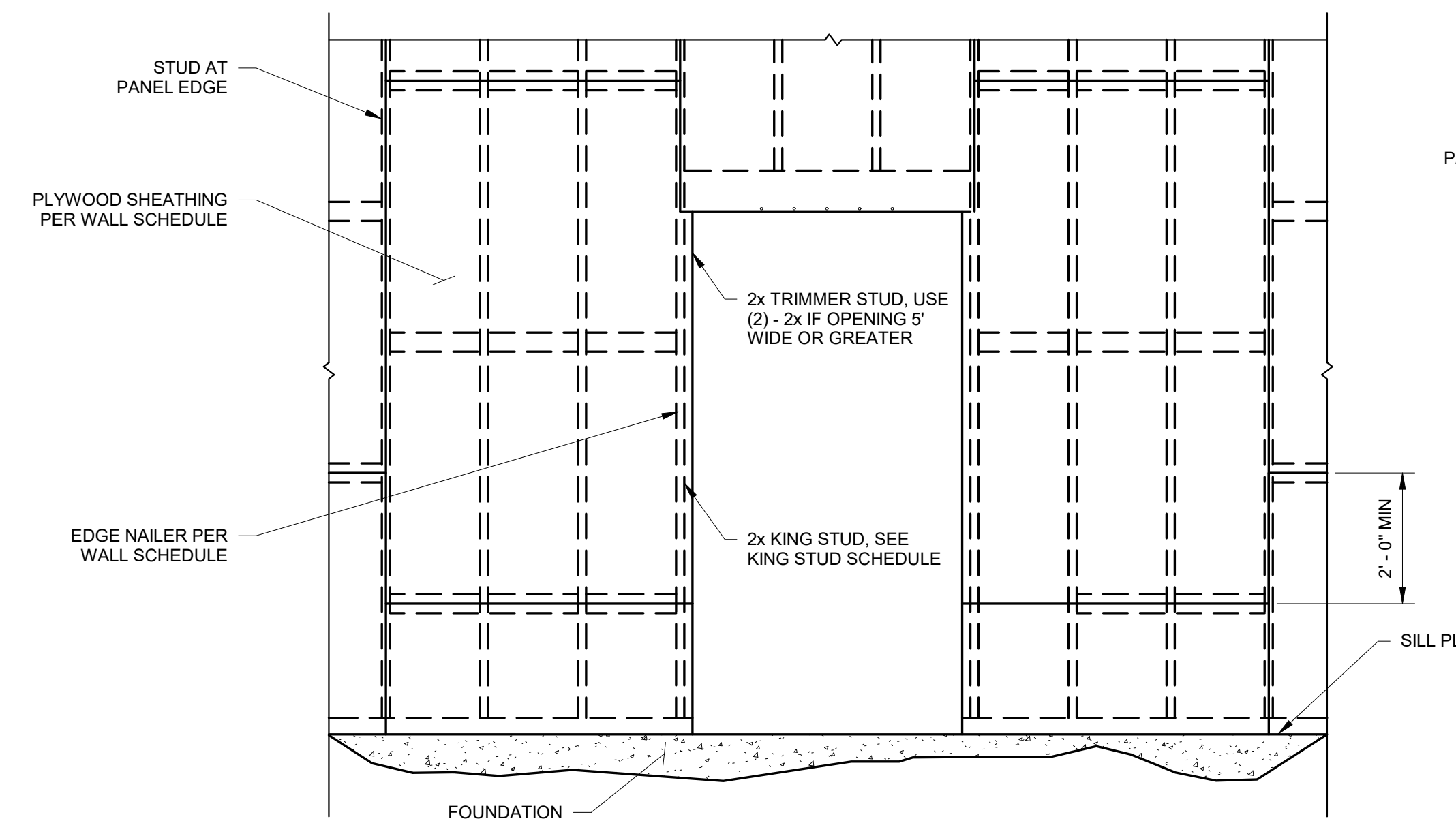
**TYP 6 TYPICAL WALL HOLDDOWN DETAIL**  
S301 1/2" = 1'-0"

KING STUD SCHEDULE	
NO. KING STUDS EA SIDE OF OPENING	OPENING WIDTH
2	UP TO 4'-0"
3	4'-1" TO 7'-0"
4	7'-1" TO 10'-0"

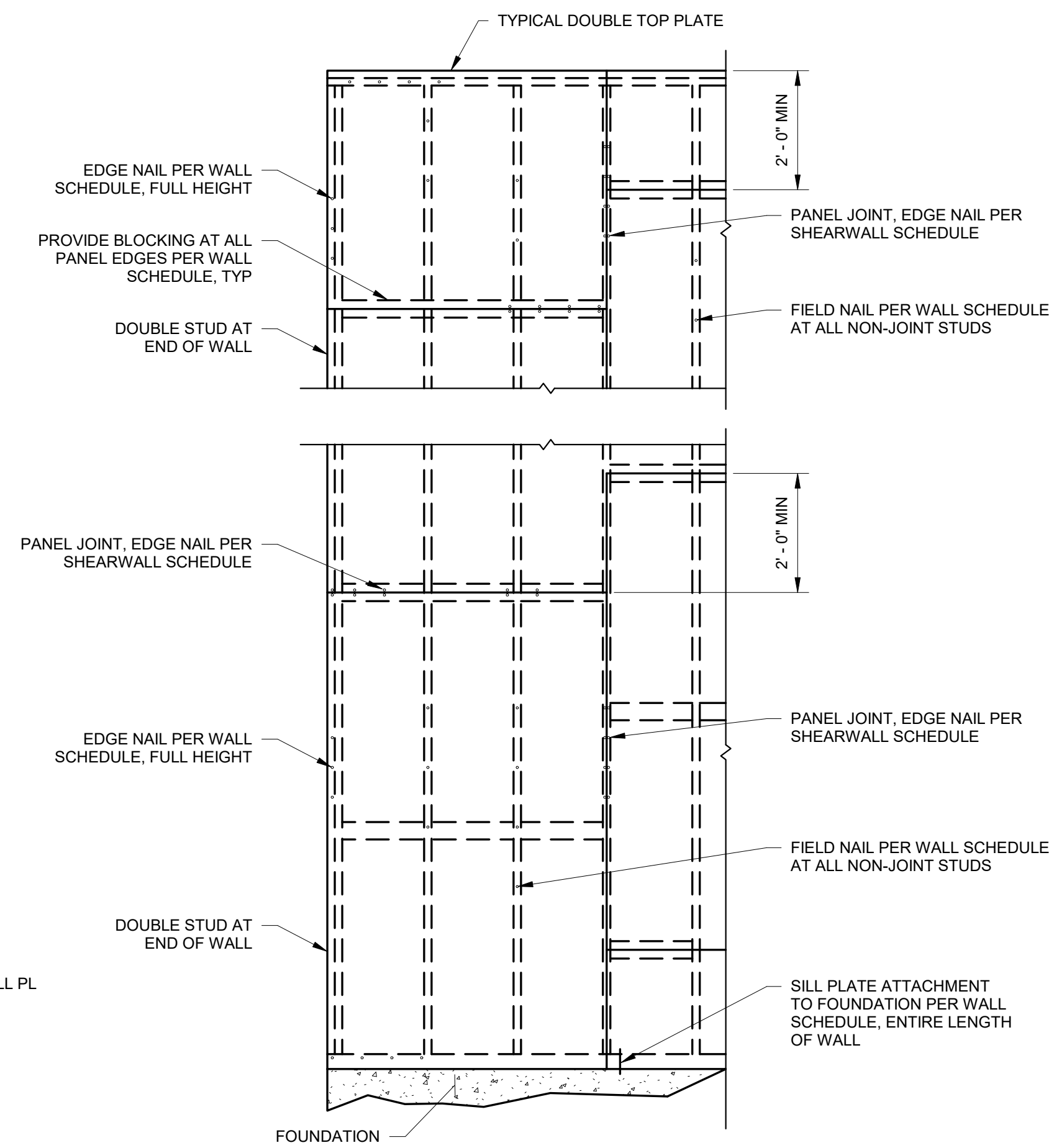
**TYP 3 KING STUD SCHEDULE**  
S301 3/4" = 1'-0"

WOOD HEADER SCHEDULE	
CLEAR SPAN	HEADER SIZE
UP TO 4'-0"	(2) - 2x8
4'-1" TO 6'-0"	(2) - 2x10
6'-1" TO 8'-0"	3 1/2" x 9 1/2" 1.55E LSL
8'-1" TO 10'-0"	3 1/2" x 11 7/8" 1.55E LSL

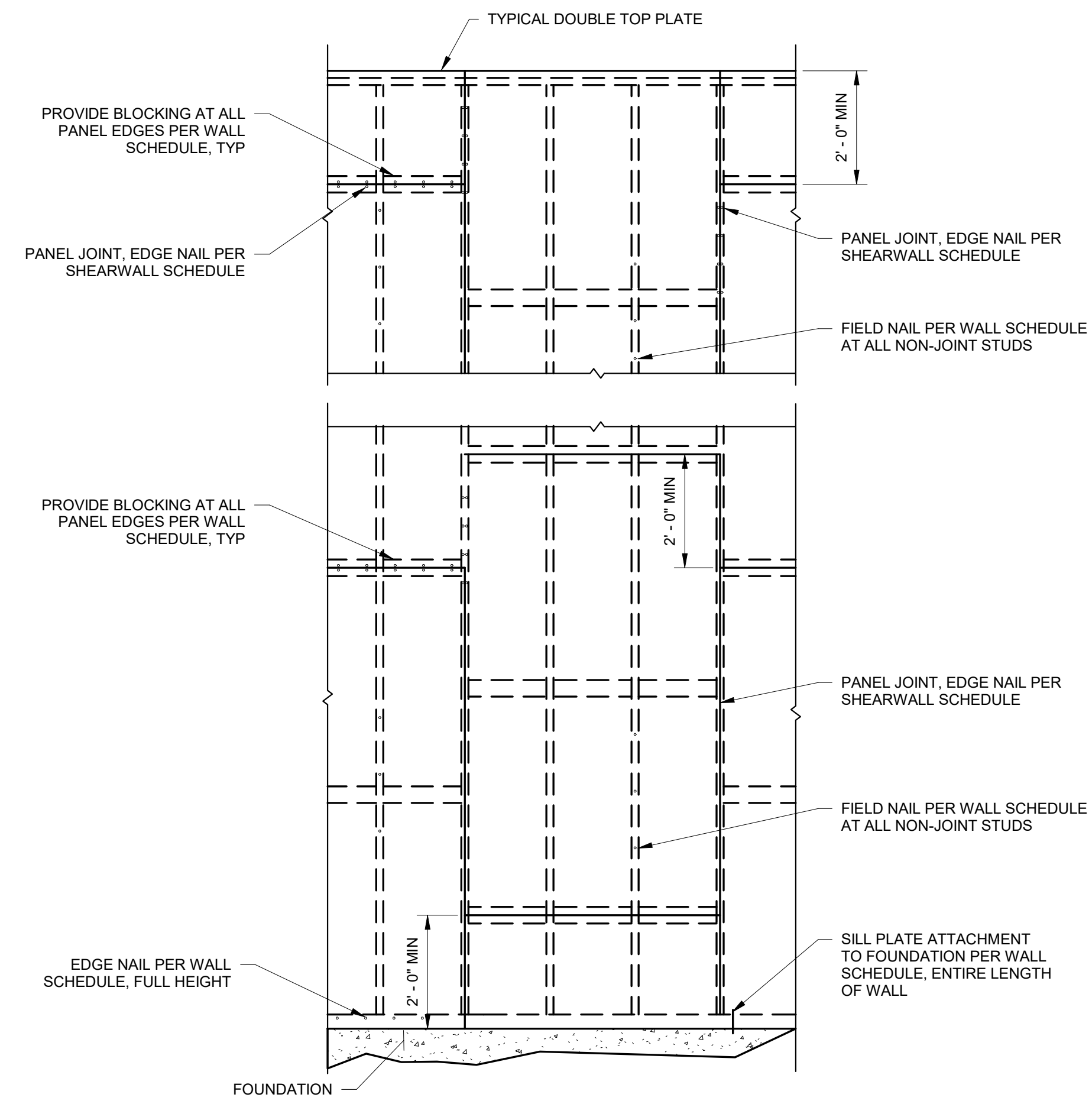
**TYP 4 WOOD HEADER SCHEDULE**  
S301 3/4" = 1'-0"



**TYP 7 TYPICAL WALL ASSEMBLY AT DOOR OPENING**  
S301 1/2" = 1'-0"



**TYP 8 TYPICAL END OF WALL ASSEMBLY**  
S301 1/2" = 1'-0"



**TYP 9 TYPICAL INTERIOR WALL ASSEMBLY**  
S301 1/2" = 1'-0"

Revisions:

NO.	DATE	BY	REVISION
1		STEWART	
2		21007	
3	04.15.2024	KTC	

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Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: KTC  
Checked: CAS





Revisions:

1	STEWART
2	21007
3	04.15.2024

Project Lead: STEWART  
 Project: 21007  
 Date: 04.15.2024  
 Drawn: KTC  
 Checked: CAS

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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
 525 BROOKMAN DR, BROOKHAVEN, MS 39601



TYPICAL STEEL DETAILS

**S401**



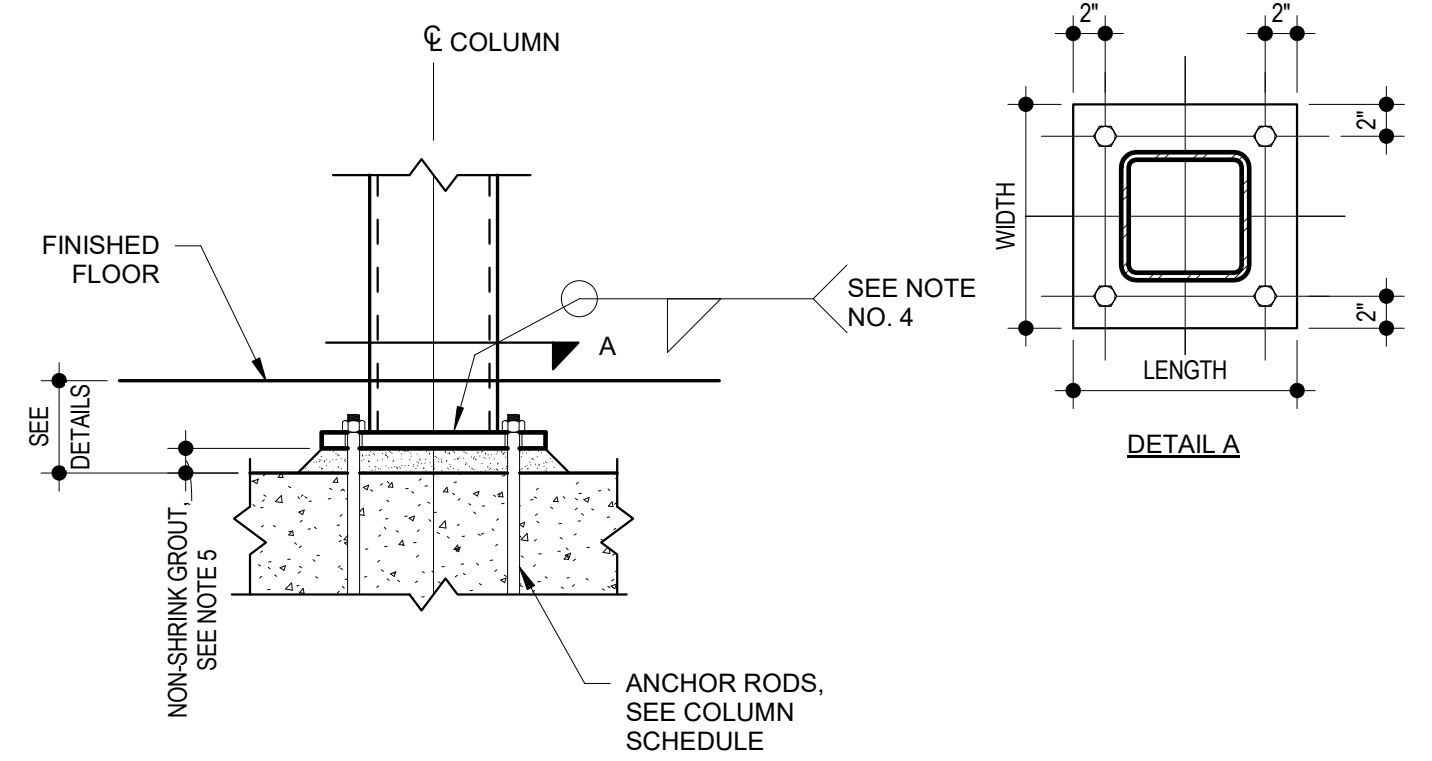
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FOR PRINT SCALE VERIFICATION THE TITLEBLOCK OPENING IS 23" X 32.5"

COLUMN	BASE PLATE	ANCHOR RODS	COMMENTS
HSS3 1/2x3 1/2x3/8	3/4"x11 1/2"x11 1/2"	(4) - 3/4" DIA	
HSS6x6x3/8	1"x14"x14"	(4) - 7/8" DIA	
HSS7x7x5/16	1"x15"x15"	(4) - 7/8" DIA	
HSS7x7x5/16"	1"x12"x15"	(4) - 7/8" DIA	SEE 3/S203 FOR ANCHOR ROD LAYOUT
HSS8x8x3/8	1"x16"x16"	(4) - 7/8" DIA	
HSS8x8x3/8"	1 1/2"x18"x18"	(5) - 7/8" DIA	SEE 5/S203 FOR ANCHOR ROD LAYOUT

- NOTES:
- REFER TO DETAILS & PLANS FOR TOP ELEVATIONS OF COLUMNS.
  - REFER TO TYPICAL BASE PLATE DETAIL THIS SHEET FOR ANCHOR ROD LAYOUT U.N.O.
  - REFER TO ANCHOR ROD SCHEDULE THIS SHEET FOR LENGTH OF ANCHOR RODS.

**TYP 1 COLUMN SCHEDULE**  
 S401 1" = 1'-0"



- NOTES:
- USE OVERSIZED HOLES FOR ANCHOR RODS ACCORDING TO AISC.
  - PLATE WASHERS SHALL BE INSTALLED OVER OVERSIZED HOLES.
  - CONTRACTOR SHALL PROVIDE 1/8" THICK TEMPLATE FOR ANCHOR ROD INSTALLATION.
  - MINIMUM FILLET WELD ACCORDING TO AISC UNO.
  - MINIMUM GROUT THICKNESS IS 1" UNLESS NOTED OTHERWISE ON PLANS OR DETAILS.

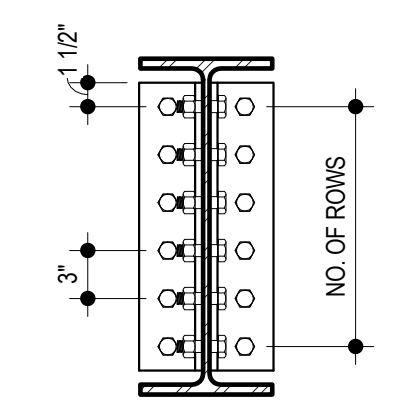
**TYP 2 TYPICAL BASE PLATE DETAIL**  
 S401 1" = 1'-0"

ANCHOR ROD SIZE	EMBED LENGTH OF ANCHOR ROD	MAX DIAMETER OF HOLE IN BASE PLATE	TYPICAL PLATE WASHER SIZE & GRADE	COMMENTS
3/4" DIA	12"	1 5/16" DIA	A36 1/4" x 2" DIA	
7/8" DIA	12"	1 9/16" DIA	A36 5/16" x 2 1/2" DIA	

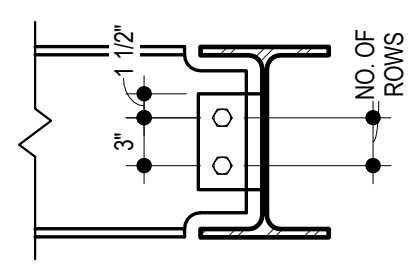
- NOTES:
- SEE COLUMN SCHEDULE FOR ANCHOR ROD SIZE.
  - MARR THREADS AT EMBEDDED END OF ANCHOR ROD AT TWO PLACES BELOW THE HEAVY HEX NUT.
  - UNLESS NOTED OTHERWISE, ALL RODS SHALL BE TIGHTENED TO A "SNUG TIGHT" CONDITION (AS DEFINED BY AISC SPECIFICATION) AFTER THE CONCRETE IS AT LEAST 14 DAYS OLD.
  - THE HOLE IN THE PLATE WASHER SHALL BE 1/16" LARGER THAN THE ROD DIAMETER.

**TYP 3 ANCHOR ROD SCHEDULE**  
 S401 1" = 1'-0"

BEAM SIZE	NO. OF ROWS	BOLT SIZE	MIN. ANGLE THICKNESS
W8	2	3/4"	1/4"
W10	2	3/4"	1/4"
W12	3	3/4"	1/4"
W14	3	3/4"	5/16"
W16	4	3/4"	5/16"
W18	5	3/4"	5/16"
W21	6	3/4"	5/16"
W24	6	3/4"	5/16"
W27	7	3/4"	5/16"
W30	8	3/4"	5/16"
W36	10	3/4"	5/16"

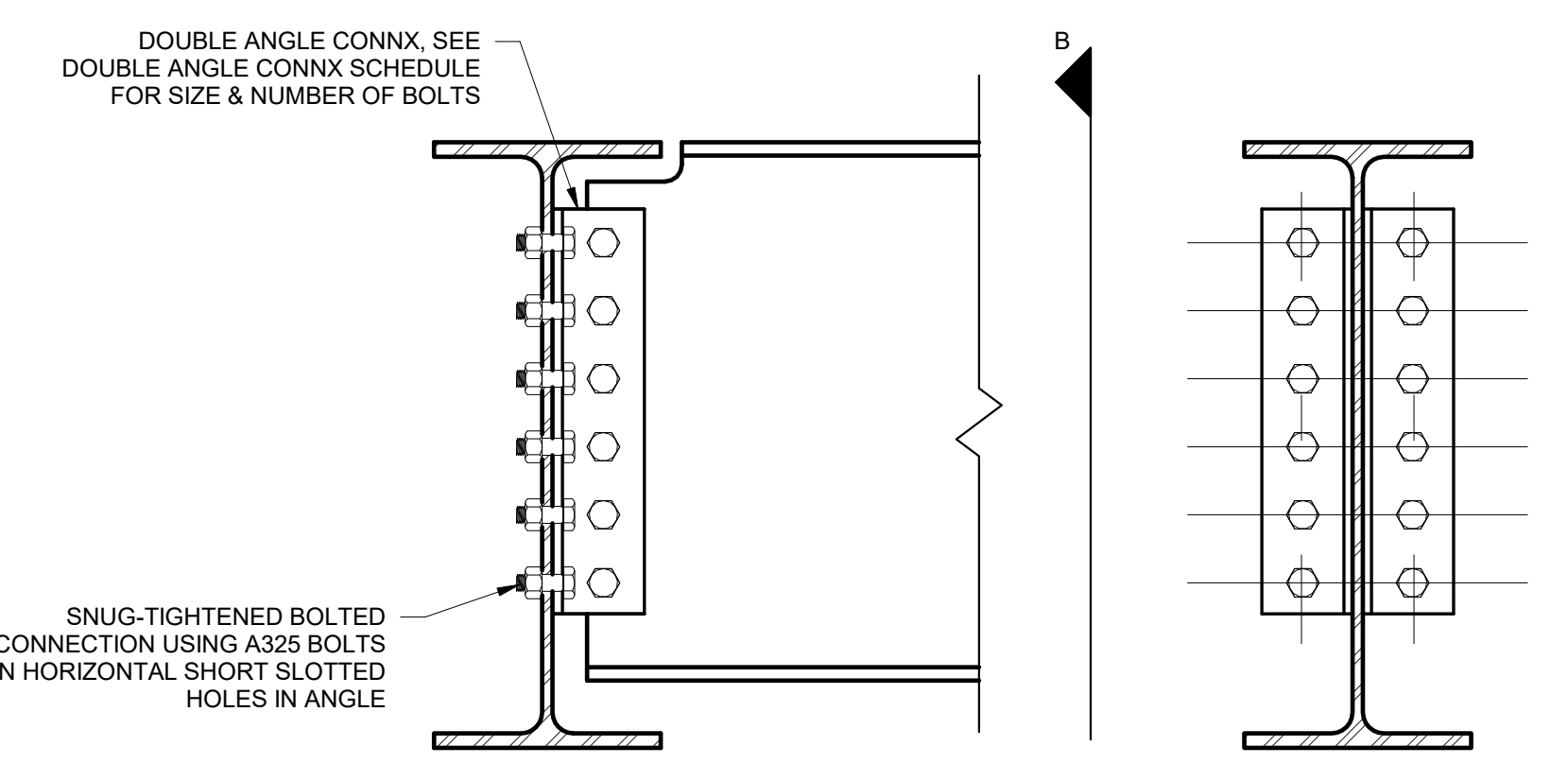


BEAM SIZE	NO. OF ROWS	BOLT SIZE	MIN. ANGLE THICKNESS	WELD
W8	2	3/4"	3/8"	1/4"
W10	2	3/4"	3/8"	1/4"
W12	3	3/4"	1/2"	5/16"
W14	3	3/4"	1/2"	5/16"
W16	4	3/4"	1/2"	5/16"
W18	5	3/4"	1/2"	5/16"
W21	6	3/4"	1/2"	5/16"
W24	6	3/4"	1/2"	5/16"
W27	7	3/4"	1/2"	5/16"
W30	8	3/4"	1/2"	5/16"
W36	10	3/4"	1/2"	5/16"



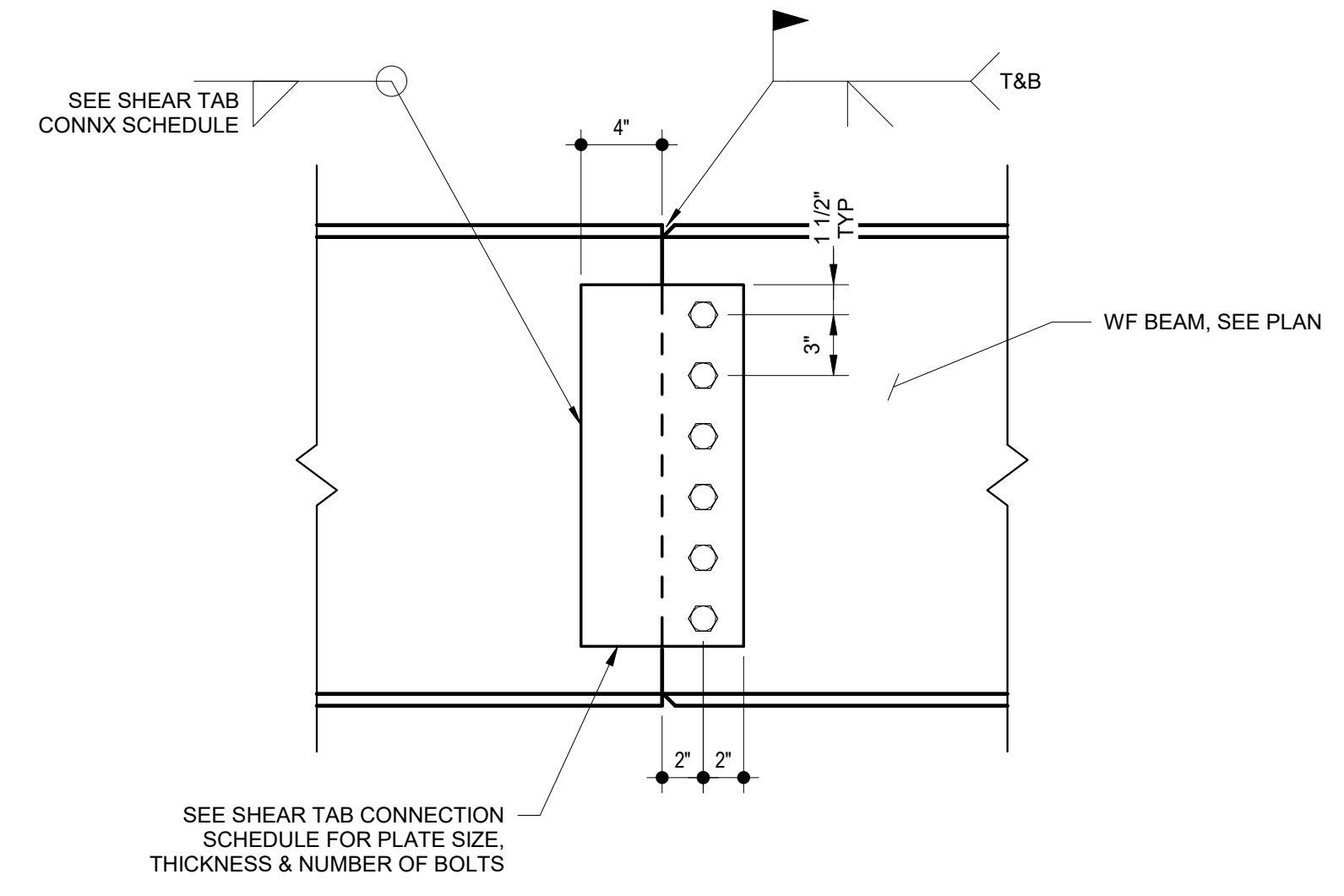
- NOTE:
- WHERE THICKNESS OF BEAM WEB IS LESS THAN ALLOWED TO PROVIDE WELD SIZE SHOWN ON SCHEDULE, PROVIDE MAXIMUM SIZE WELD FOR THICKNESS OF BEAM WEB.

**TYP 5 SHEAR TAB CONNECTION SCHEDULE**  
 S401 1" = 1'-0"



- NOTE:
- THIS DETAIL IS TYPICAL FOR BEAM TO BEAM CONNECTIONS.

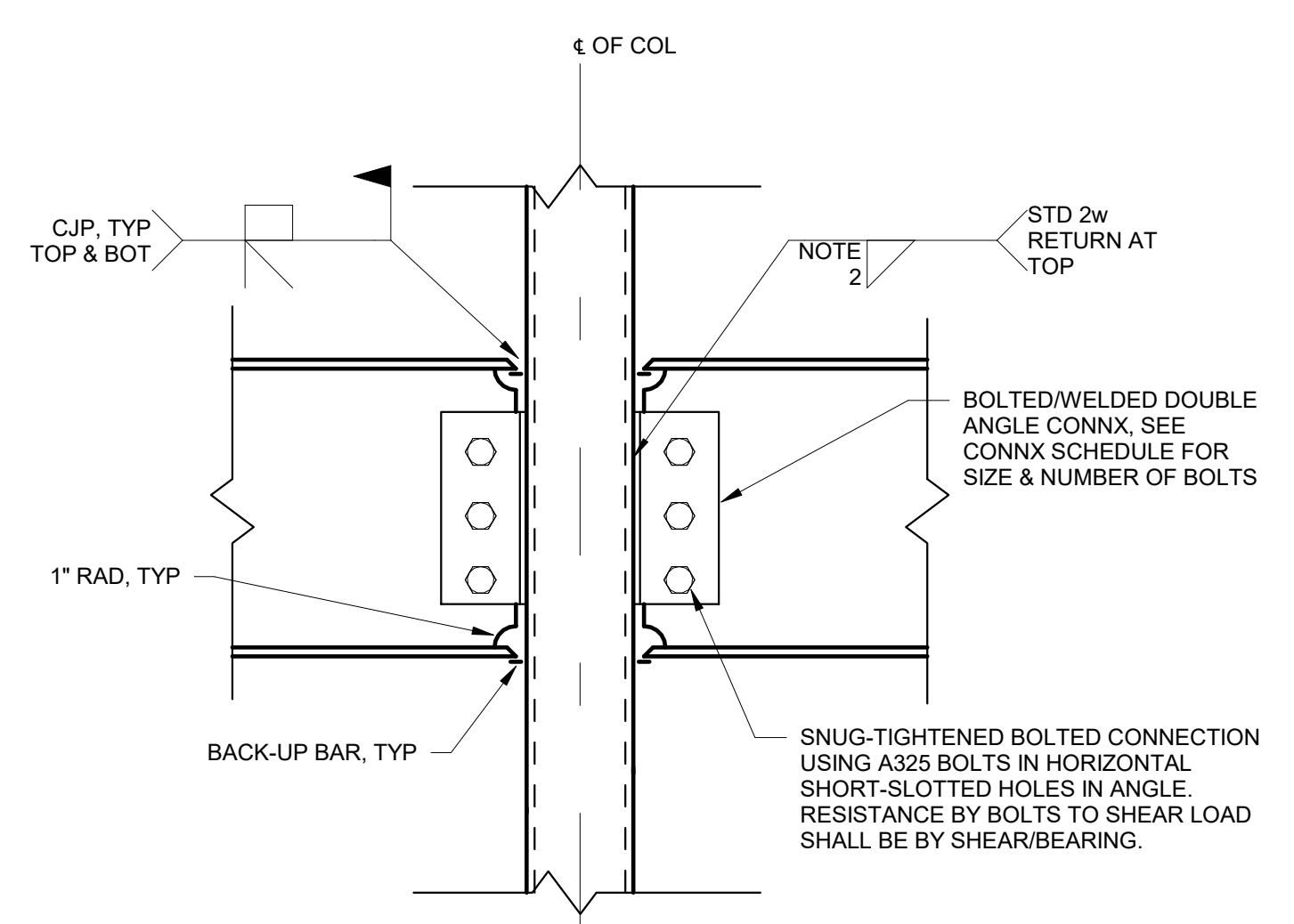
**TYP 6 BEAM/BEAM SHEAR CONNECTION DETAIL**  
 S401 1 1/2" = 1'-0"



- NOTE:
- SEE SHEAR TAB CONNECTION SCHEDULE FOR PLATE SIZE, THICKNESS & NUMBER OF BOLTS.

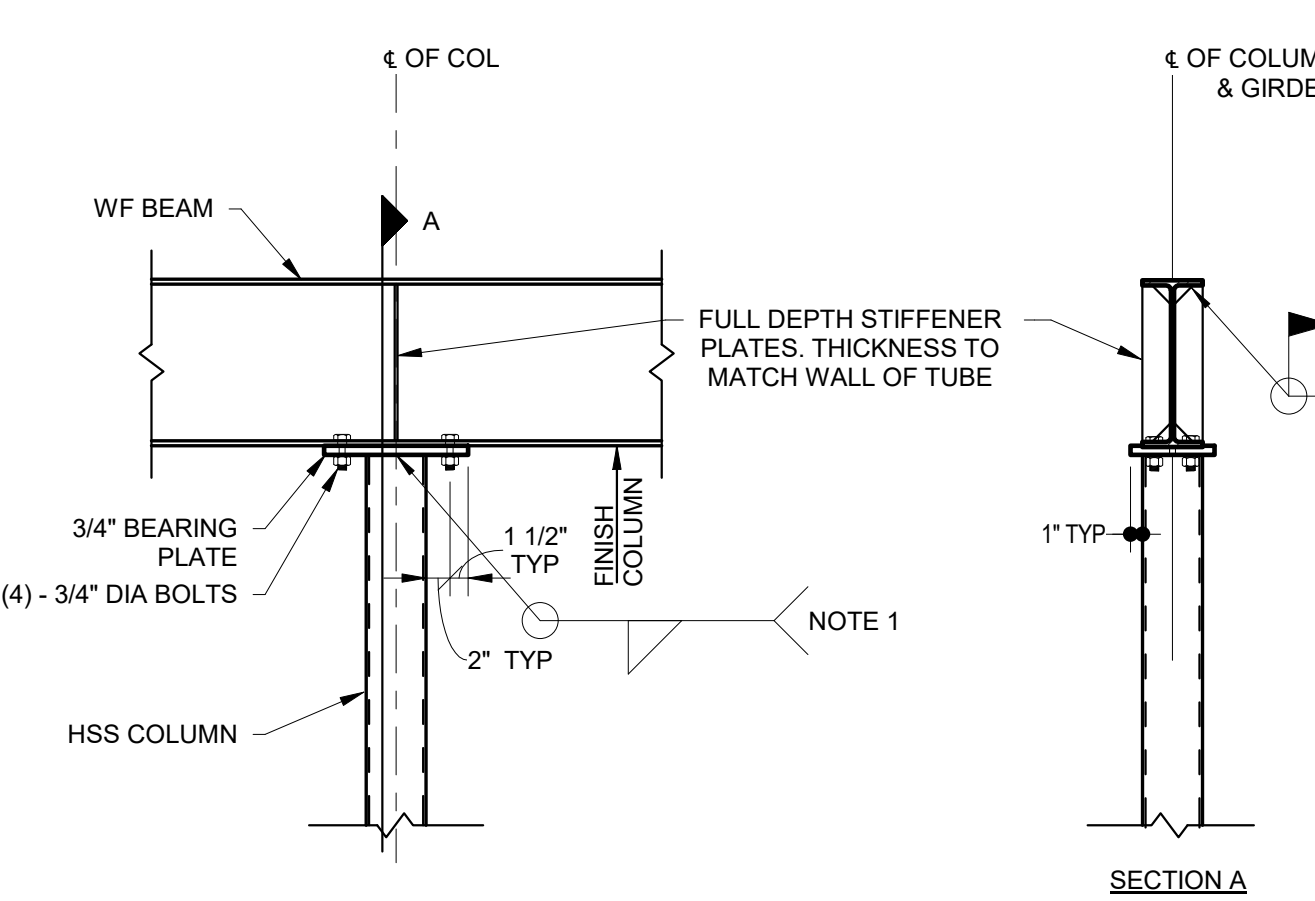
**TYP 7 SPLICE DETAIL**  
 S401 1 1/2" = 1'-0"

**TYP 4 DOUBLE ANGLE CONNECTION SCHEDULE**  
 S401 1" = 1'-0"



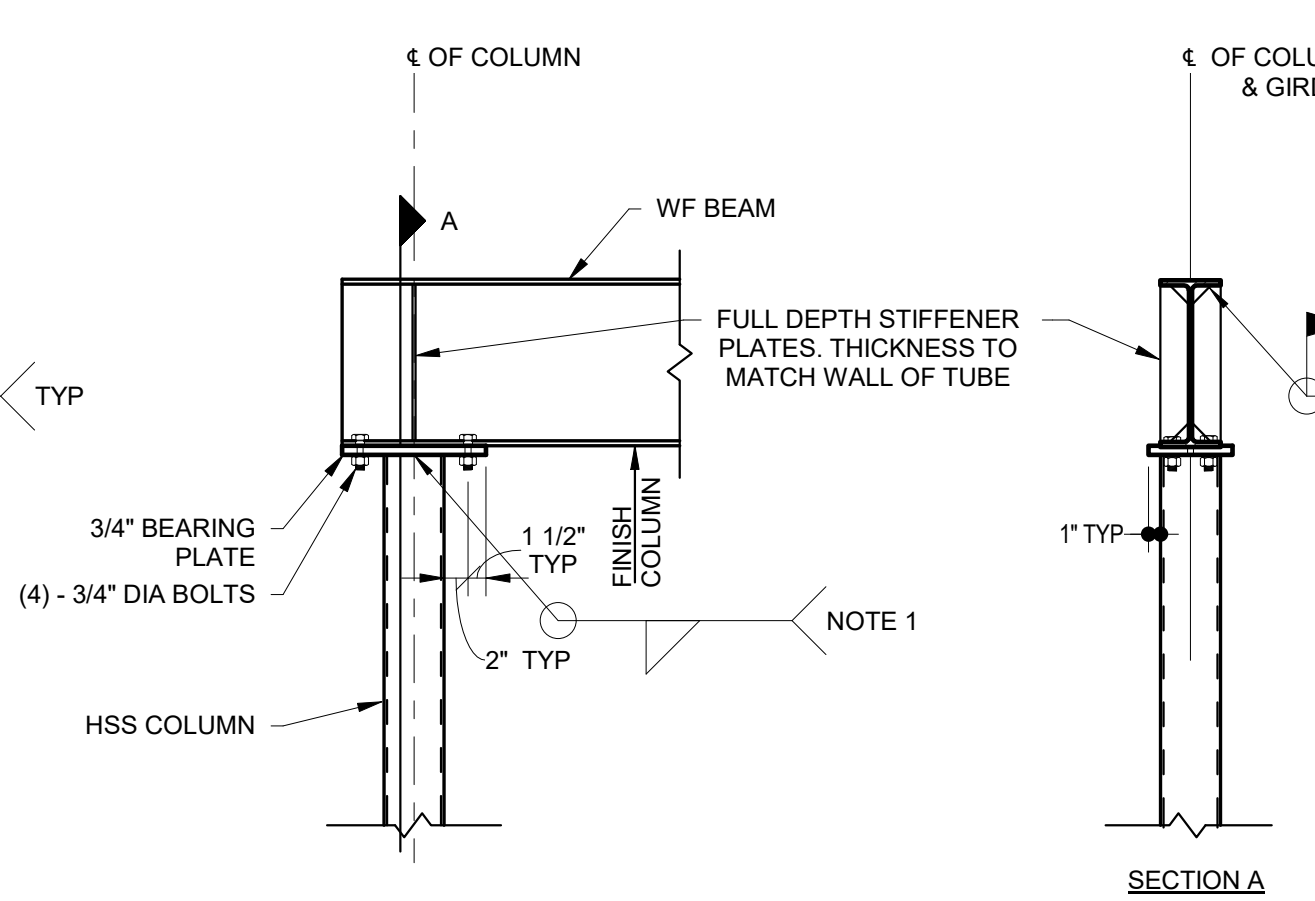
- NOTE:
- PROVIDE ERECTION SEAT ANGLES AS REQUIRED.
  - 3/16 FILLET WELD FOR 1/4" ANGLE THICKNESS, 1/4 FILLET WELD FOR 5/16" ANGLE THICKNESS.

**TYP 8 WF BEAM/HSS COLUMN MOMENT CONNECTION DETAIL**  
 S401 1 1/2" = 1'-0"



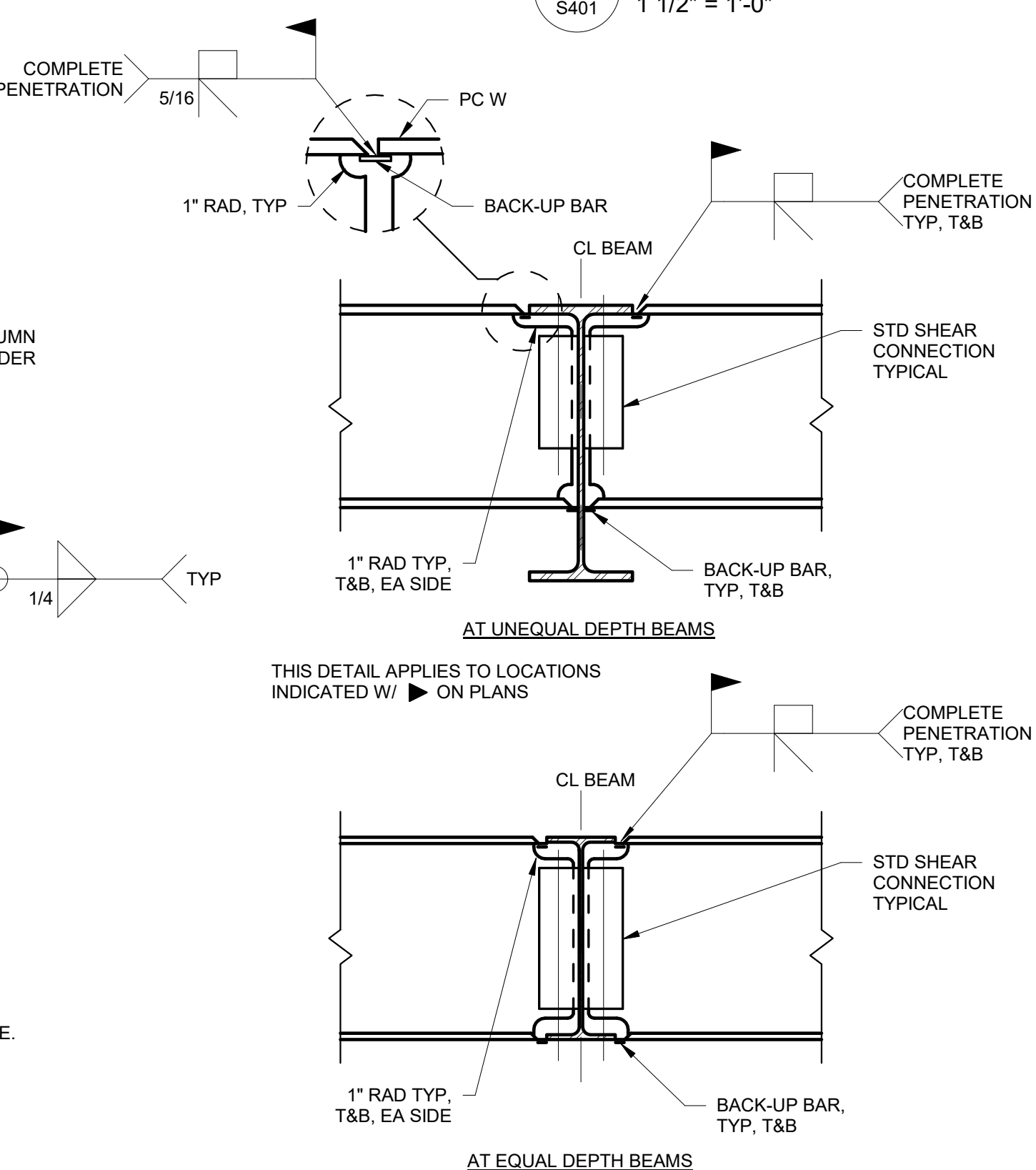
- NOTE:
- ALL WELDS SHALL BE IN ACCORDANCE TO AISC LRFD SPECIFICATIONS (MIN 1/4").
  - THE MINIMUM AREA OF THE ADDED PLATES SHALL BE EQUAL TO THE OVERHANG PORTION OF THE COLUMN FLANGE AND SHALL FIT WITHIN WIDTH OF BEAM FLANGE.
  - ADJACENT BEAM FRAMING INTO COLUMN & CONNX NOT SHOWN FOR CLARITY.
  - WOOD ROOF FRAMING NOT SHOWN FOR CLARITY.

**TYP 9 BEAM CONNECTION AT ROOF INTERIOR HSS COLUMN**  
 S401 3/4" = 1'-0"



- NOTE:
- ALL WELDS SHALL BE IN ACCORDANCE TO AISC LRFD SPECIFICATIONS (MIN 1/4").
  - THE MINIMUM AREA OF THE ADDED PLATES SHALL BE EQUAL TO THE OVERHANG PORTION OF THE COLUMN FLANGE AND SHALL FIT WITHIN WIDTH OF BEAM FLANGE.
  - ADJACENT BEAM FRAMING INTO COLUMN & CONNX NOT SHOWN FOR CLARITY.
  - WOOD ROOF FRAMING NOT SHOWN FOR CLARITY.

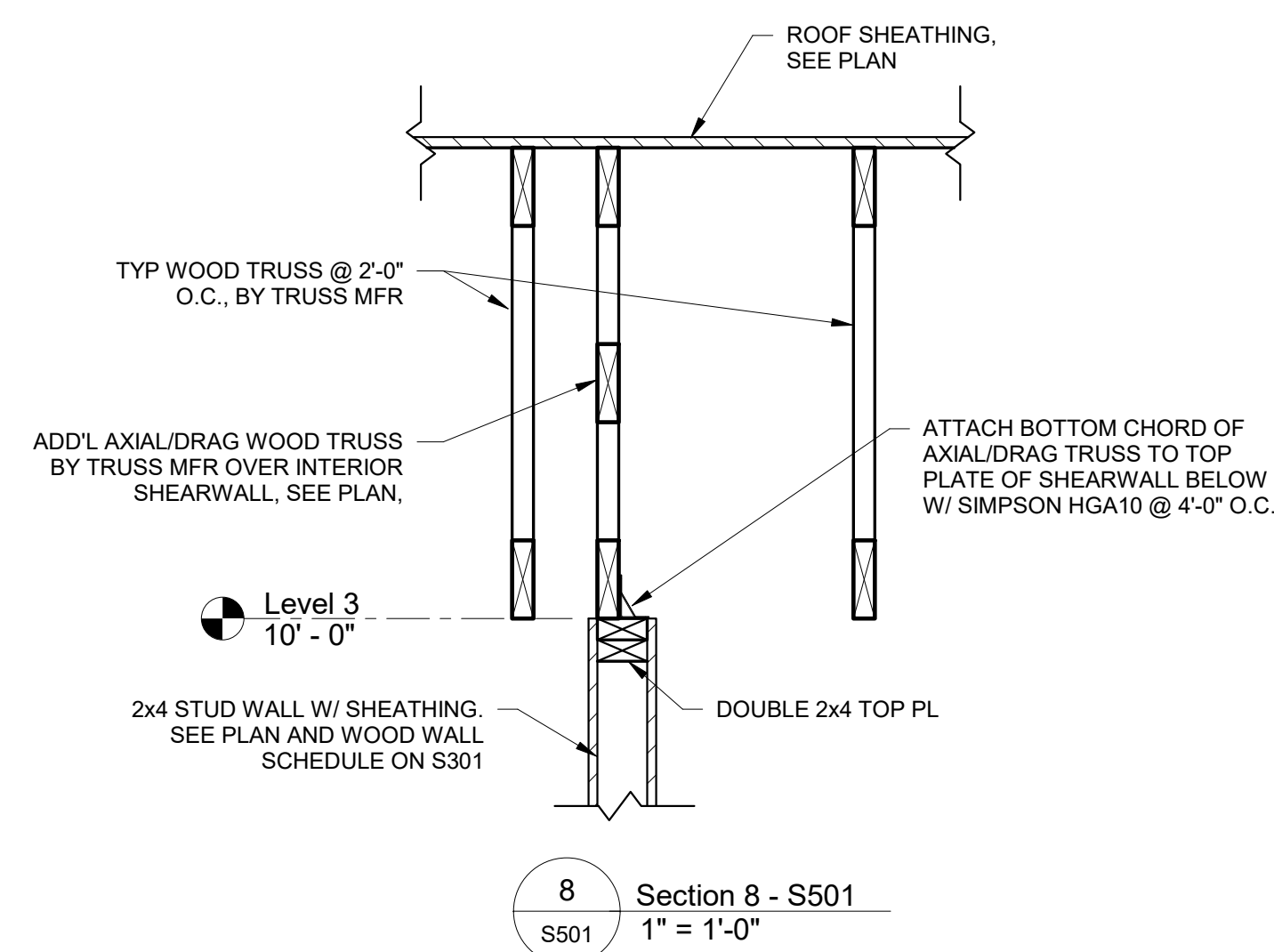
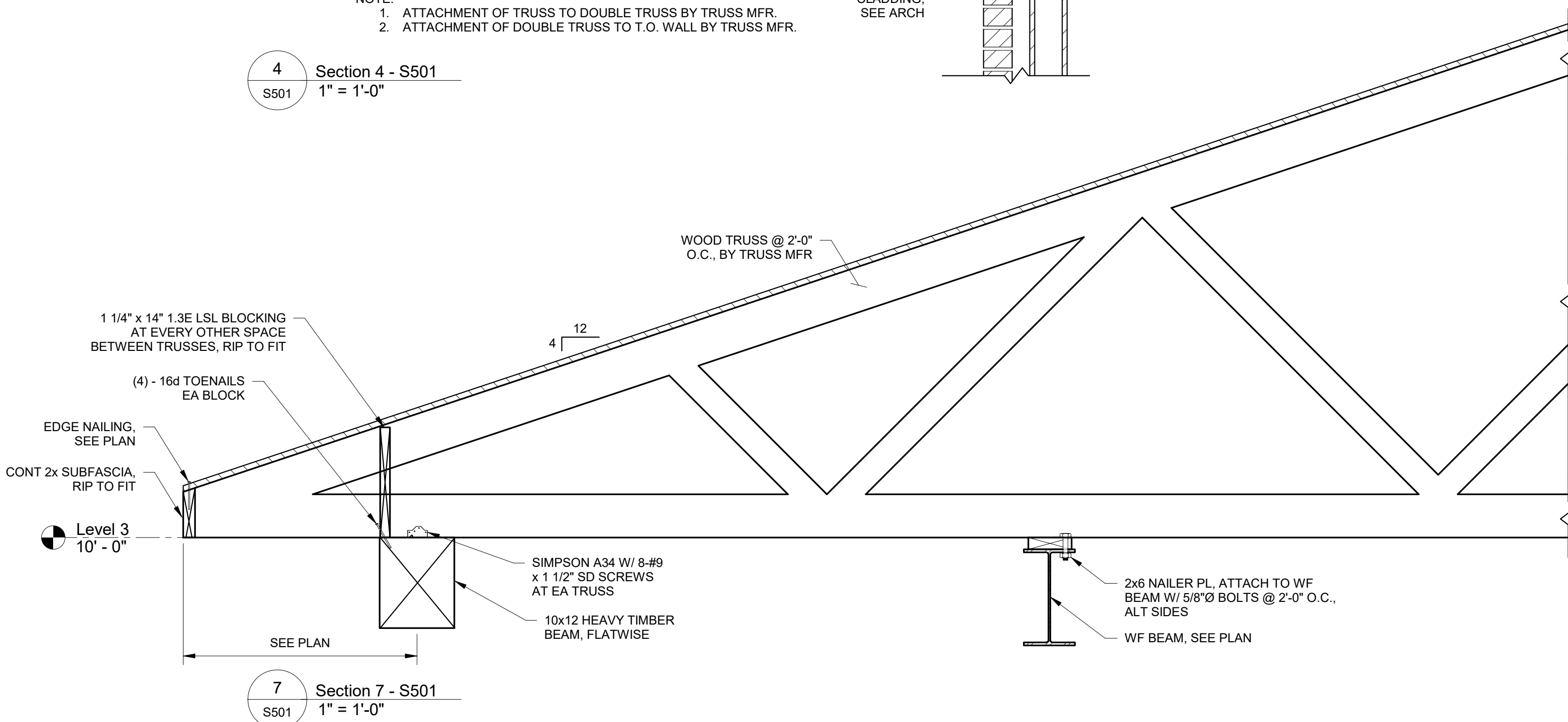
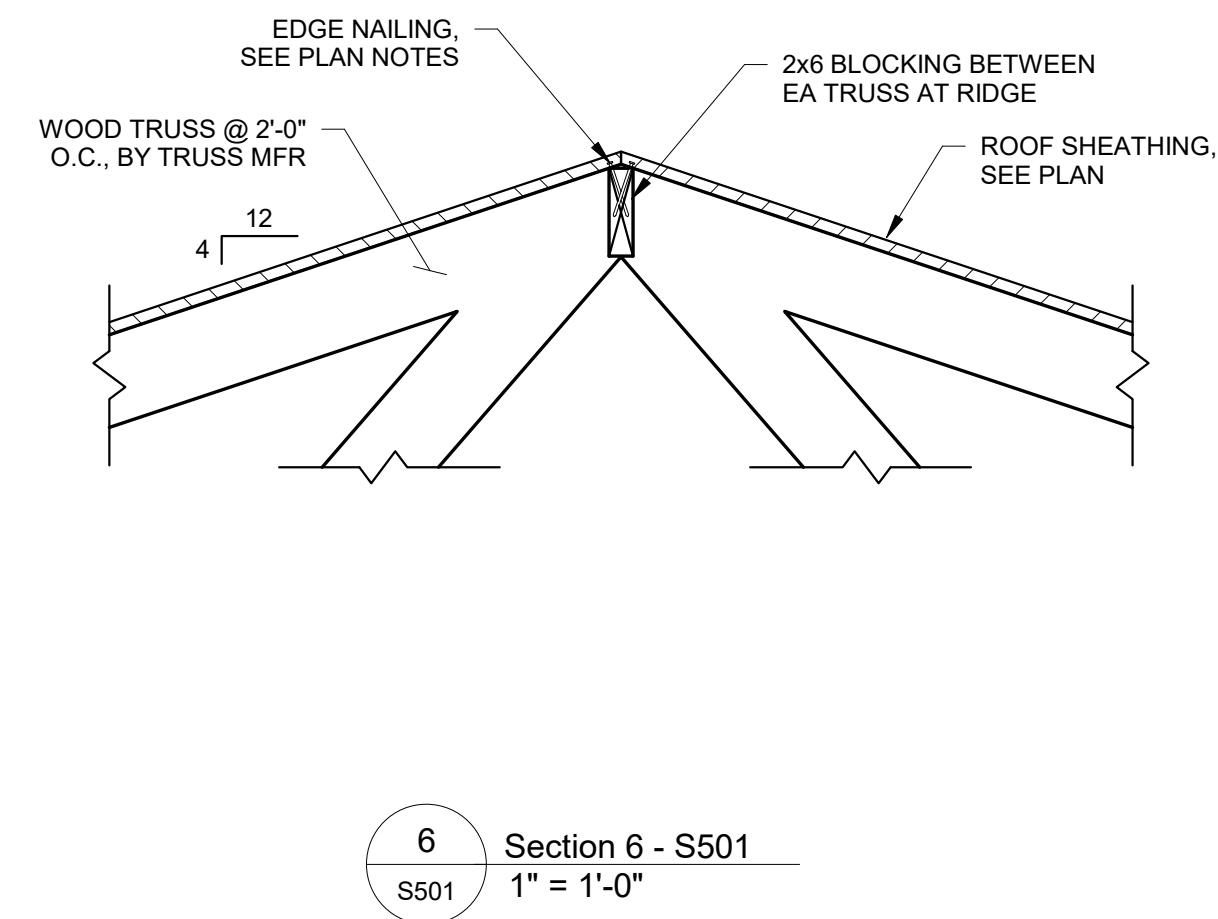
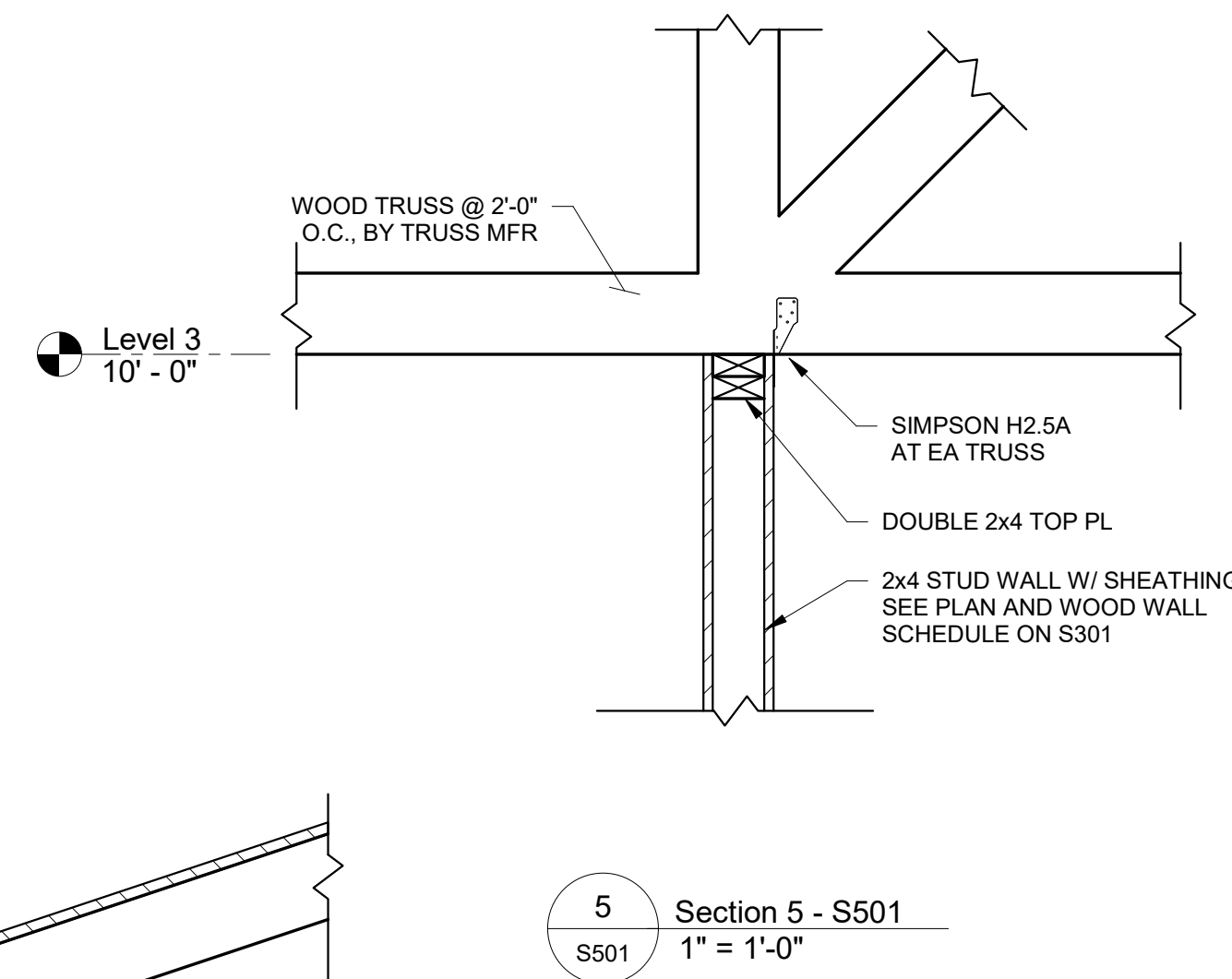
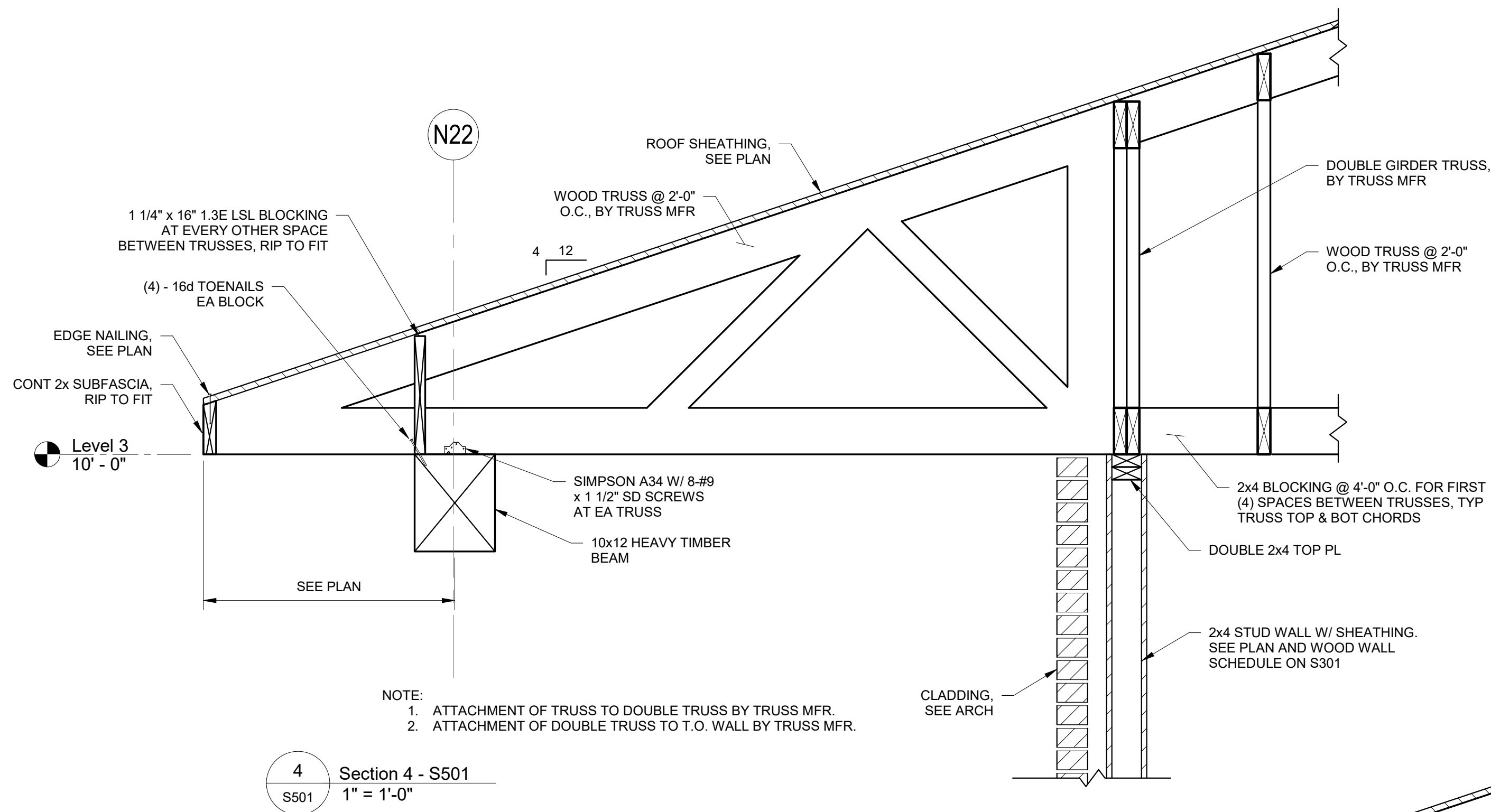
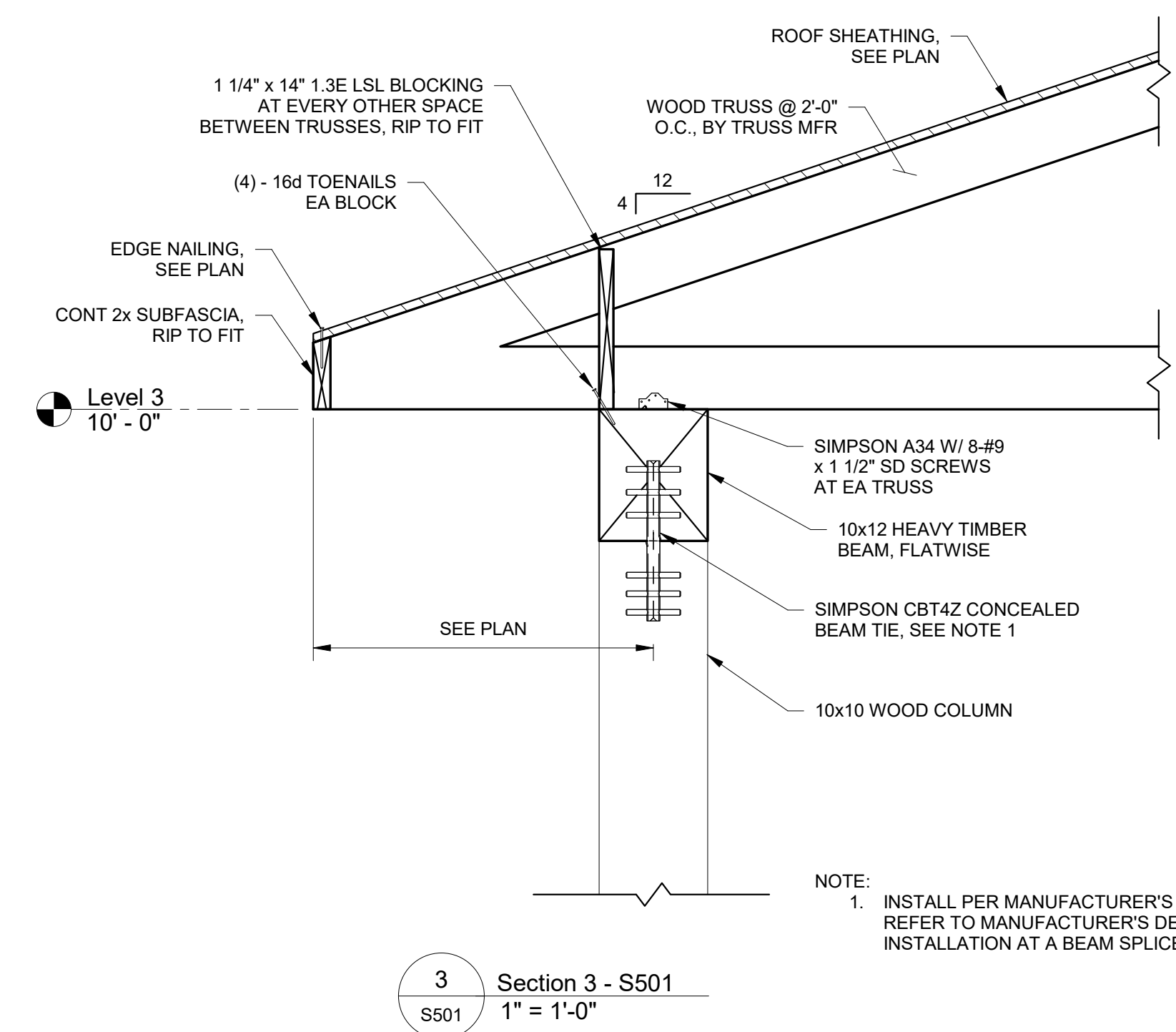
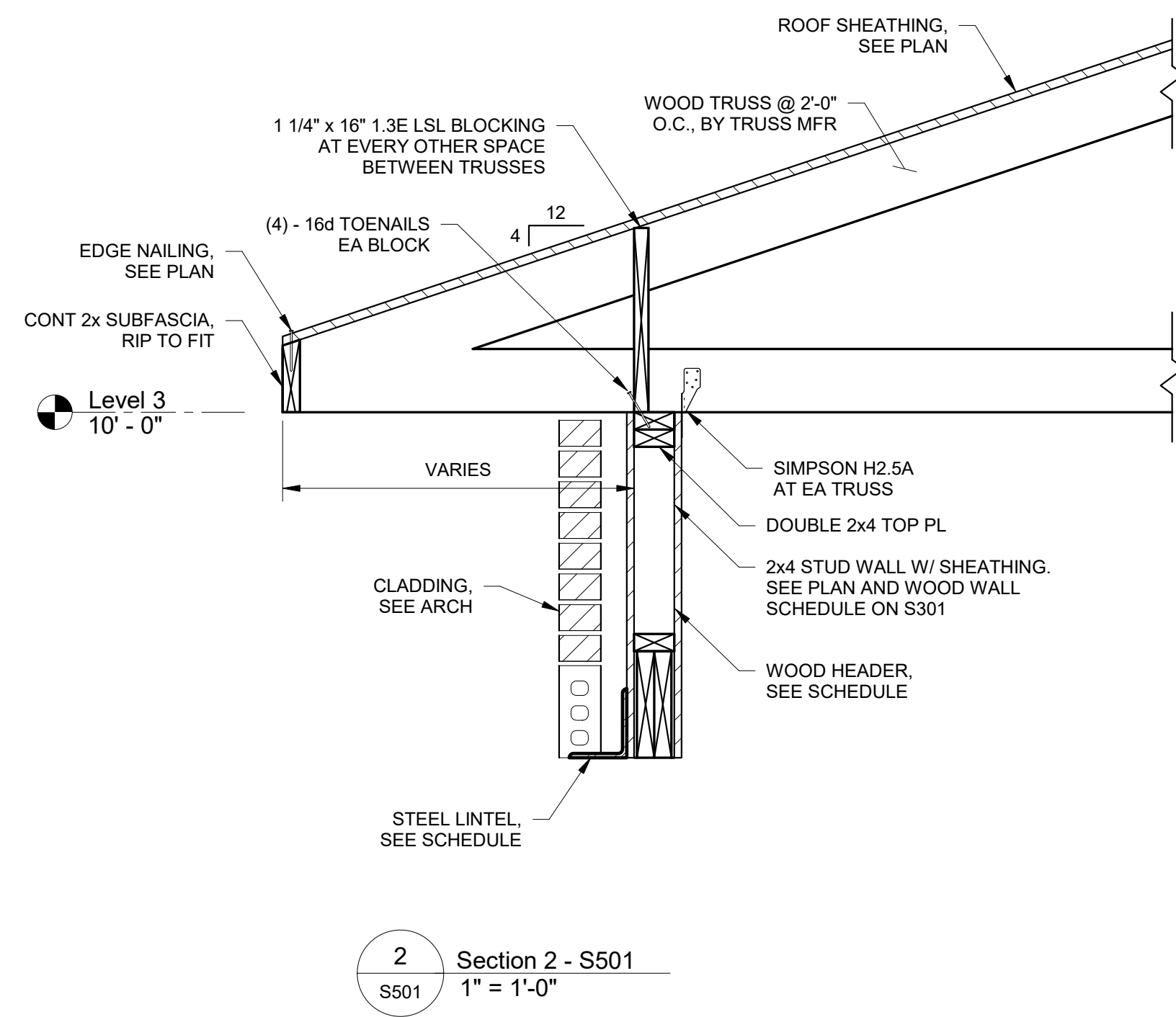
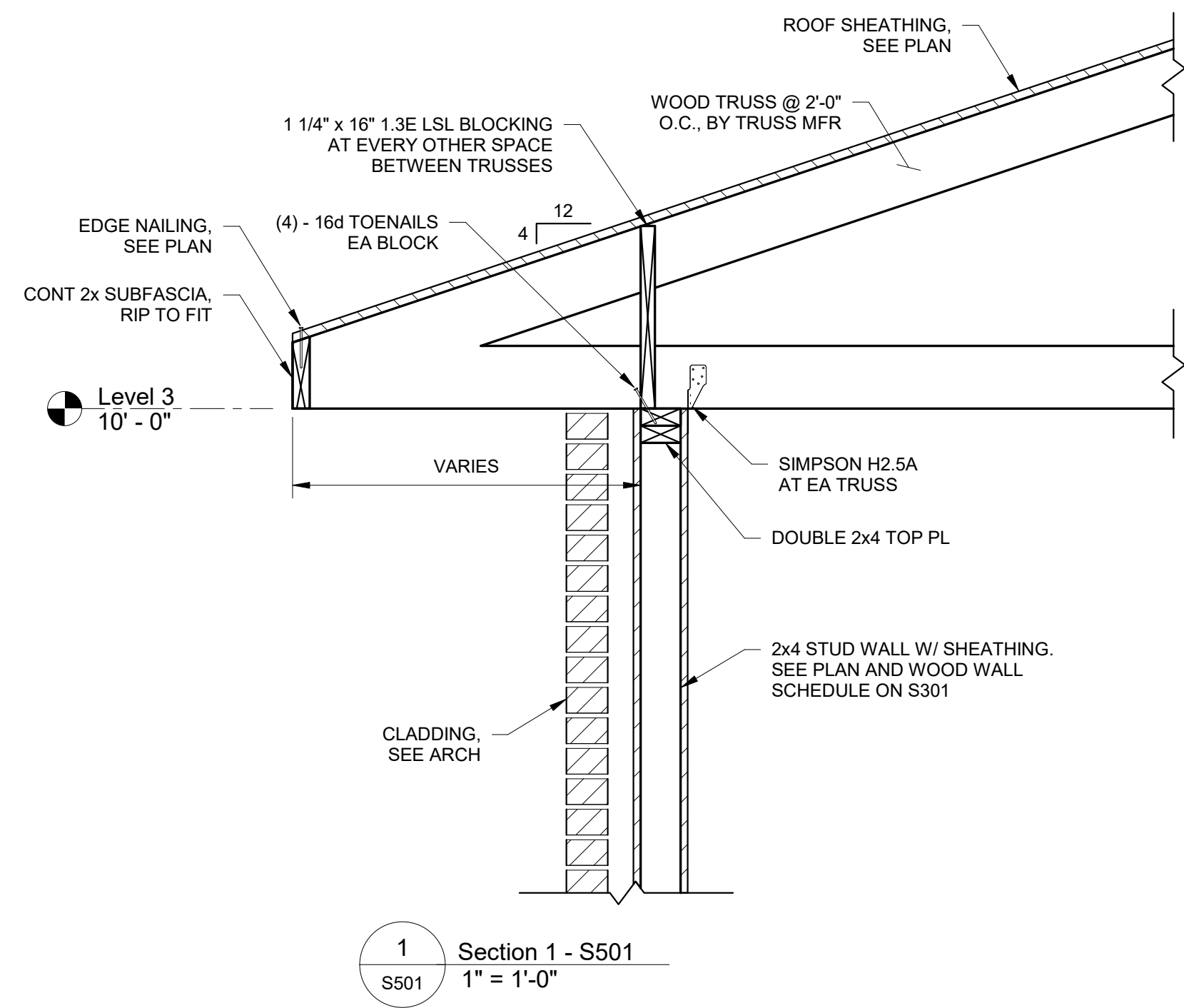
**TYP 10 BEAM CONNECTION AT ROOF EXTERIOR HSS COLUMN**  
 S401 3/4" = 1'-0"



**TYP 11 BEAM/BEAM MOMENT CONNECTION DETAIL**  
 S401 1" = 1'-0"

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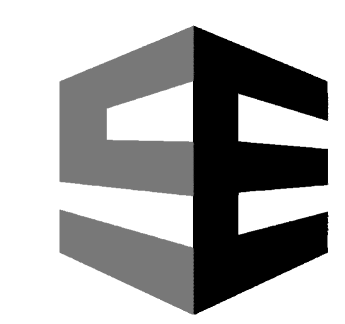


Revisions:

1	STEWART
2	21007
3	04.15.2024
	KTC
	CAS

Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: KTC  
Checked: CAS

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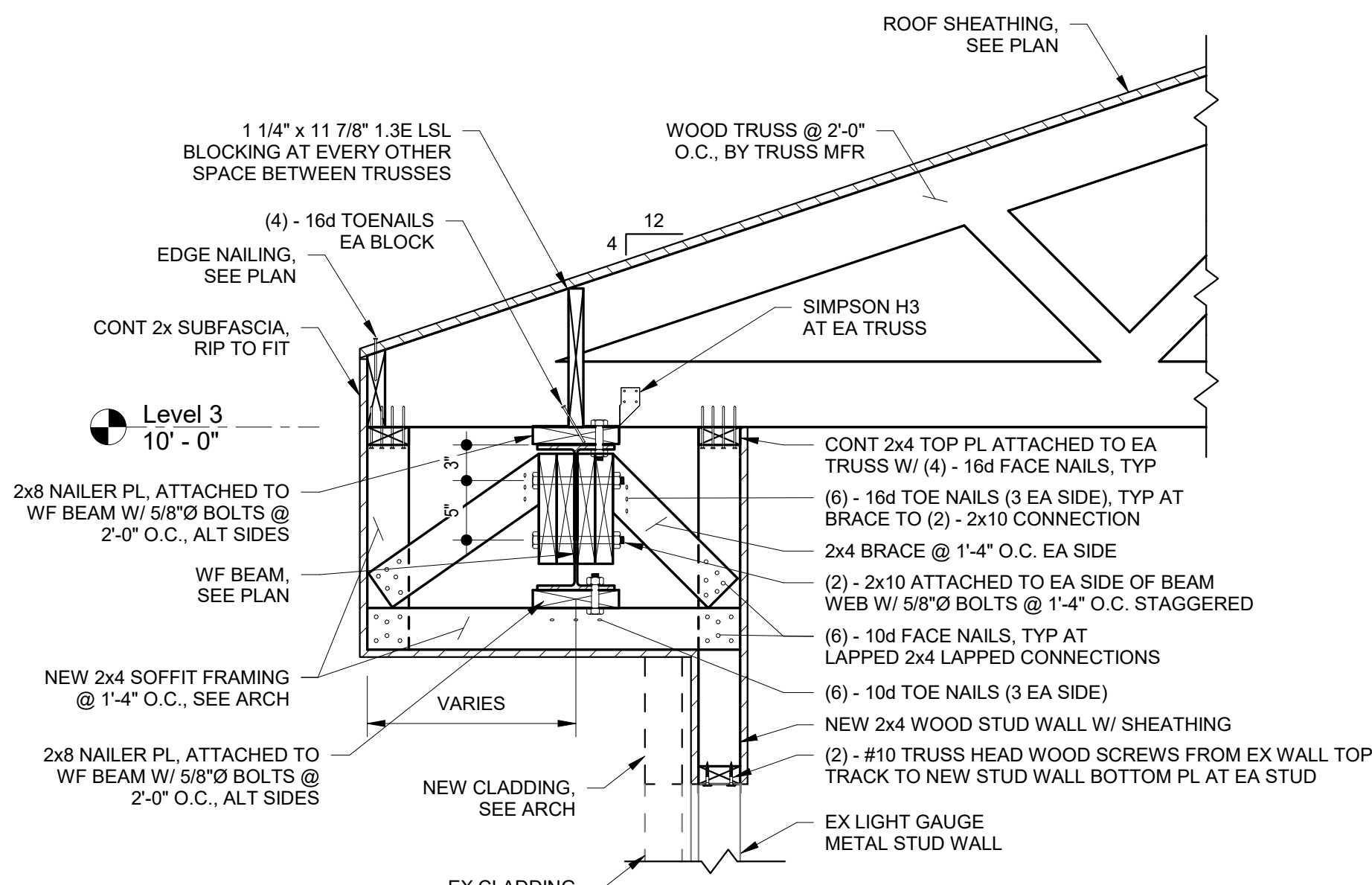


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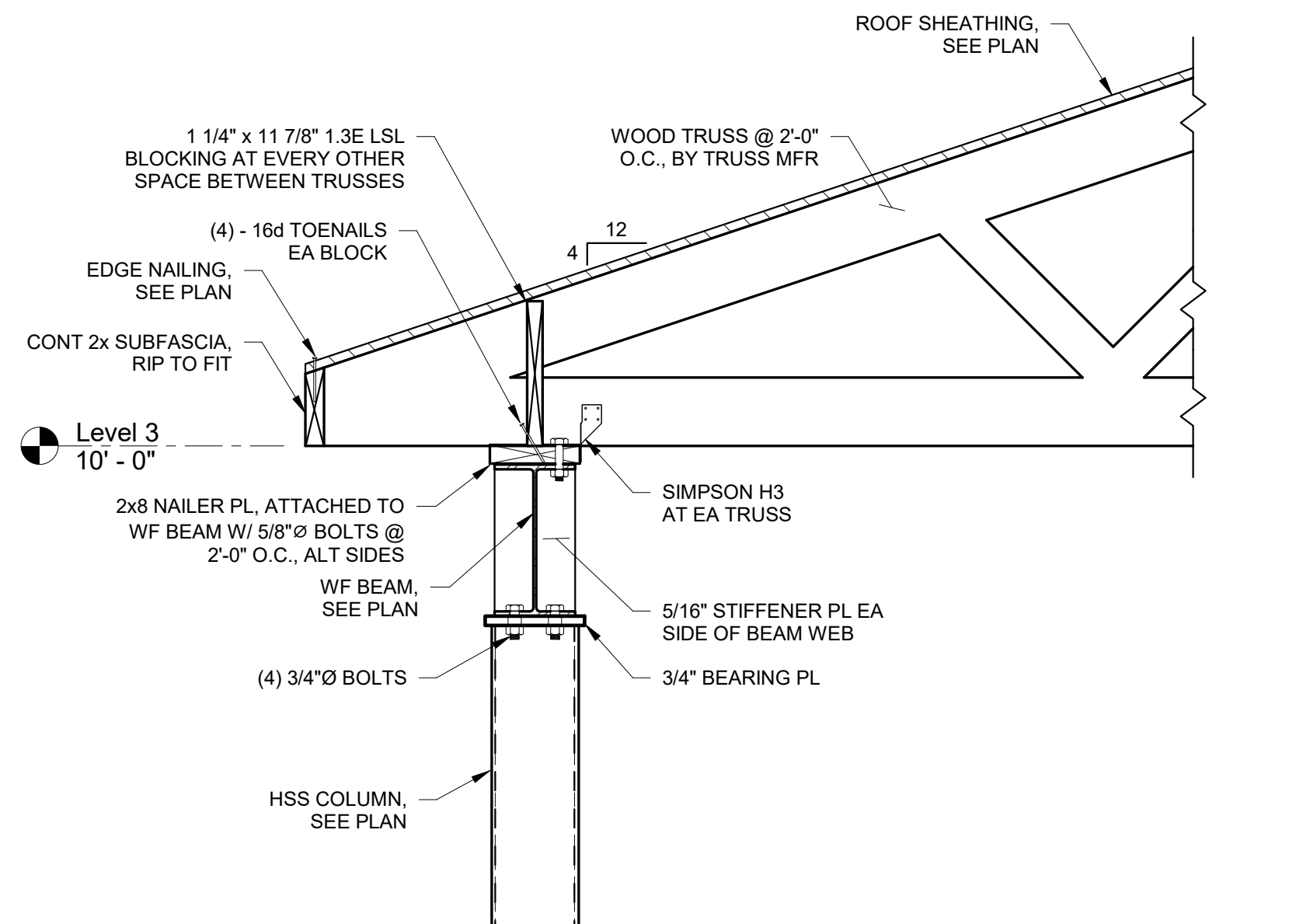
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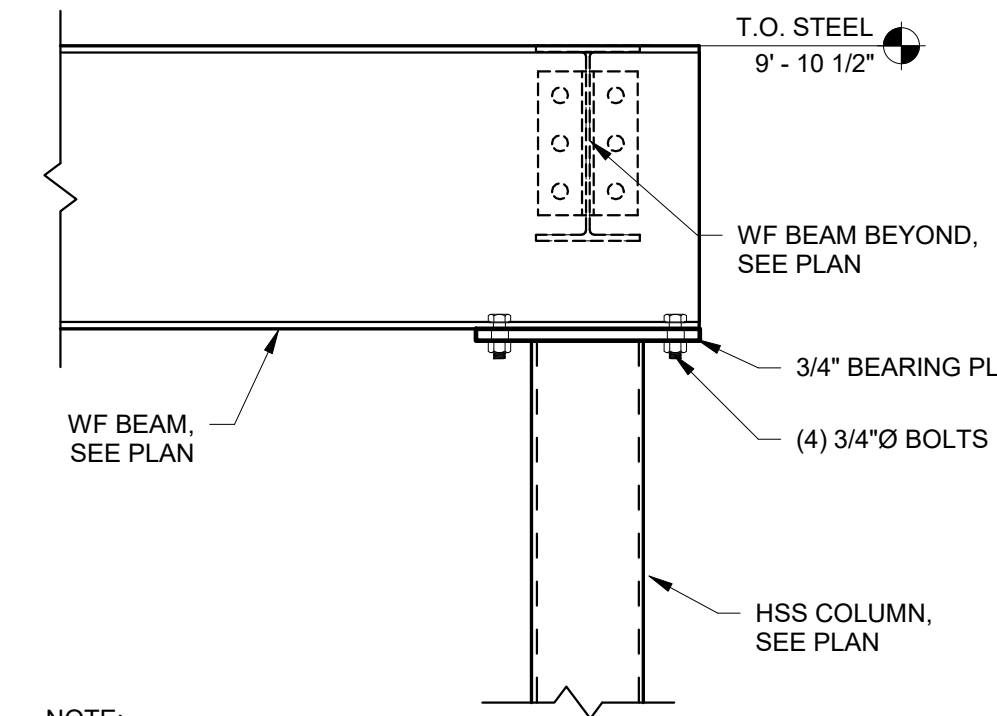




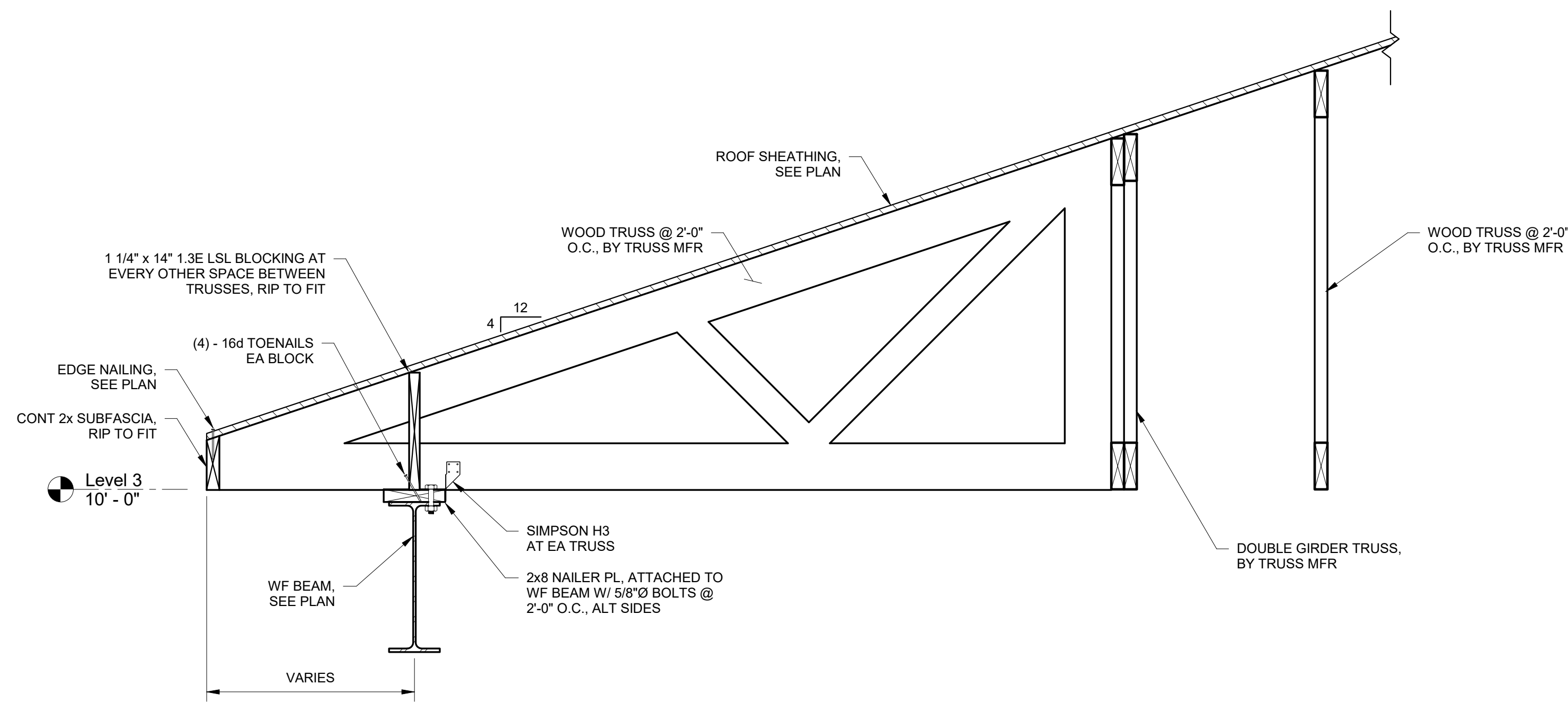
1 Section 1 - S502  
1" = 1'-0"



2 Section 2 - S502  
1" = 1'-0"



3 Section 3 - S502  
1" = 1'-0"



4 Section 4 - S502  
1" = 1'-0"

Revisions:

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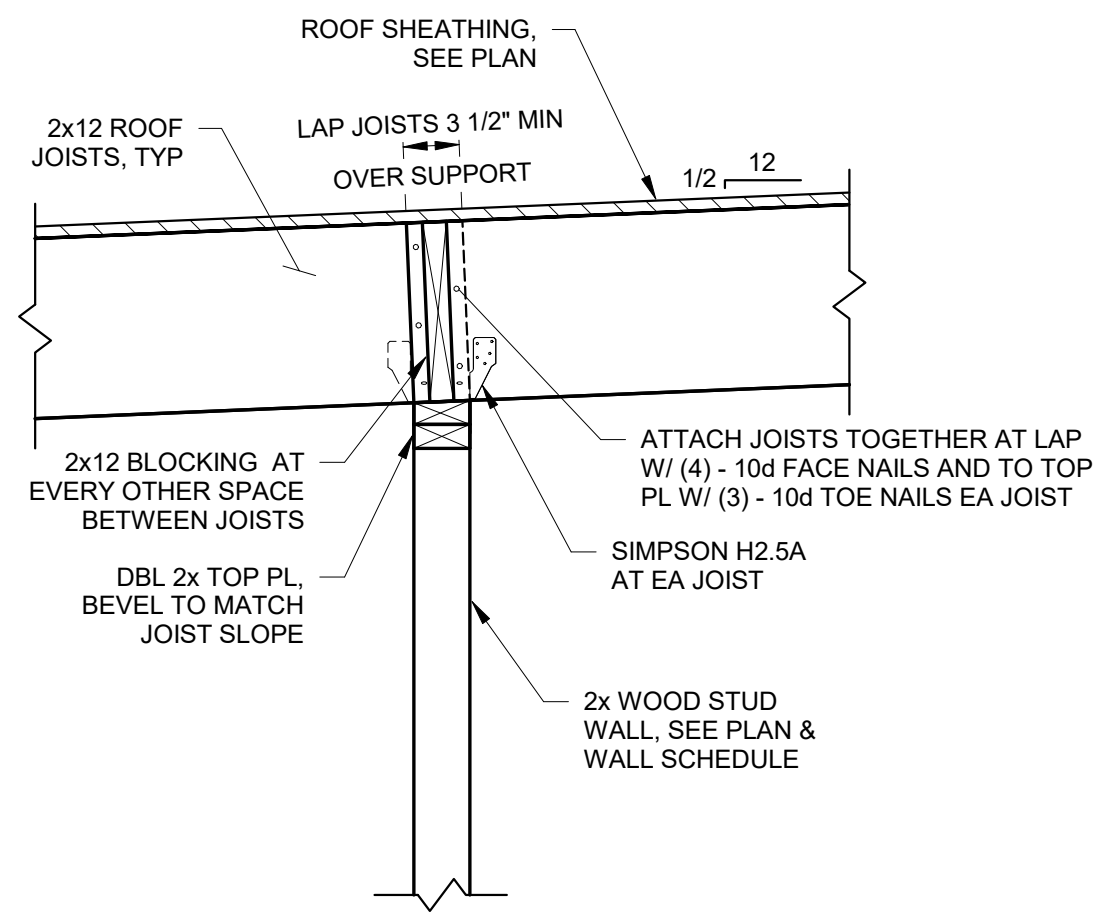
Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
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Checked: CAS

**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**

525 BROOKMAN DR,  
BROOKHAVEN, MS 39601

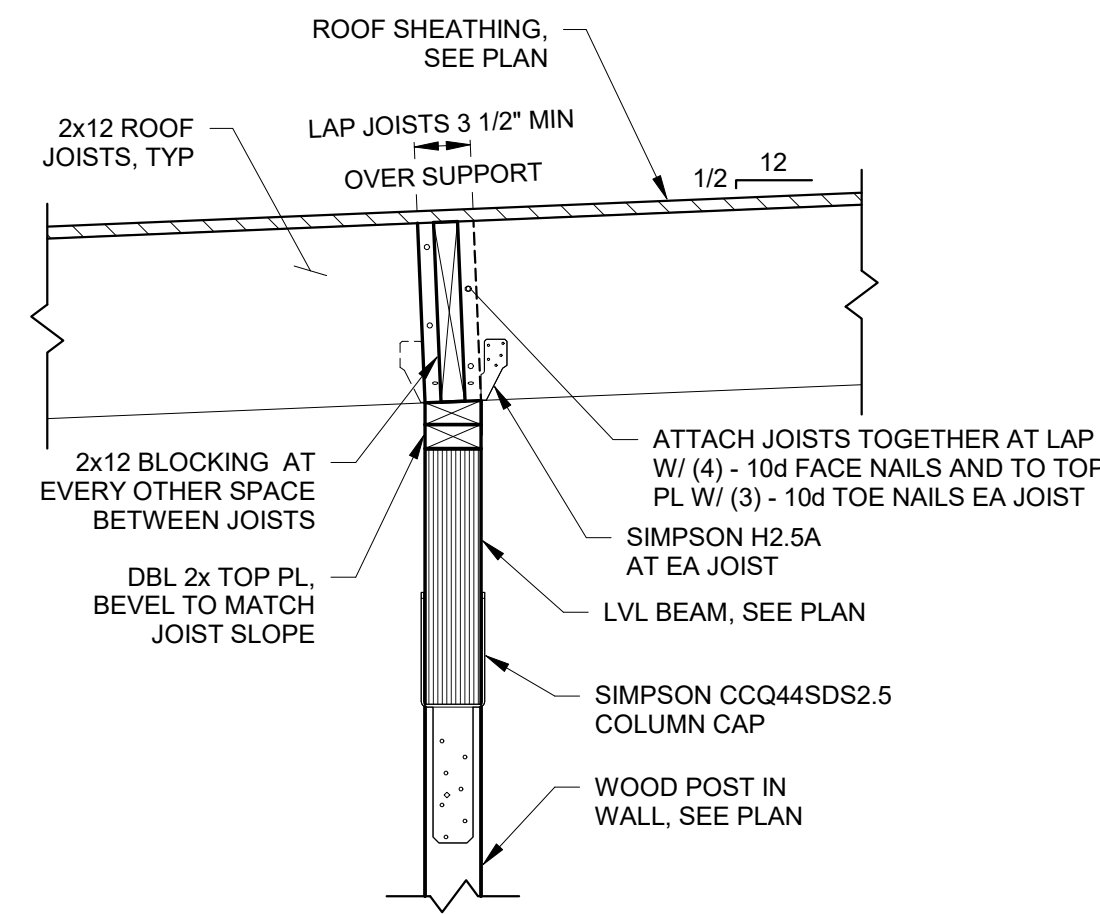






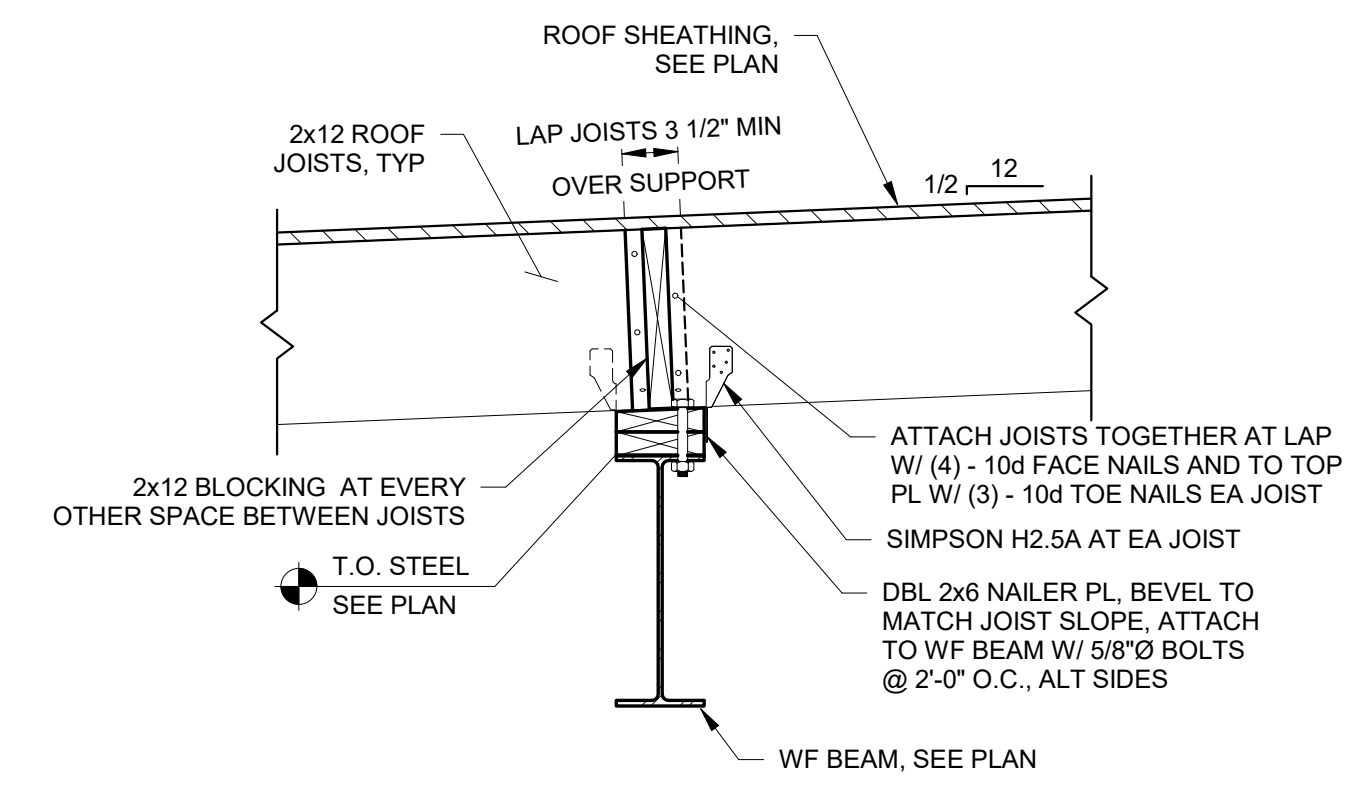
NOTE:  
1. AT ADD'L 4x12 JOIST BENEATH MANSARD TRUSS ENDS, PROVIDE ADD'L 4x4 POST WITHIN STUD WALL AT 4x12 BEARING LOCATIONS. ATTACH 4x12 TO 4x4 POST USING SIMPSON CCQ44SDS2.5 COLUMN CAP.

1 Section 1 - S503  
S503 1" = 1'-0"

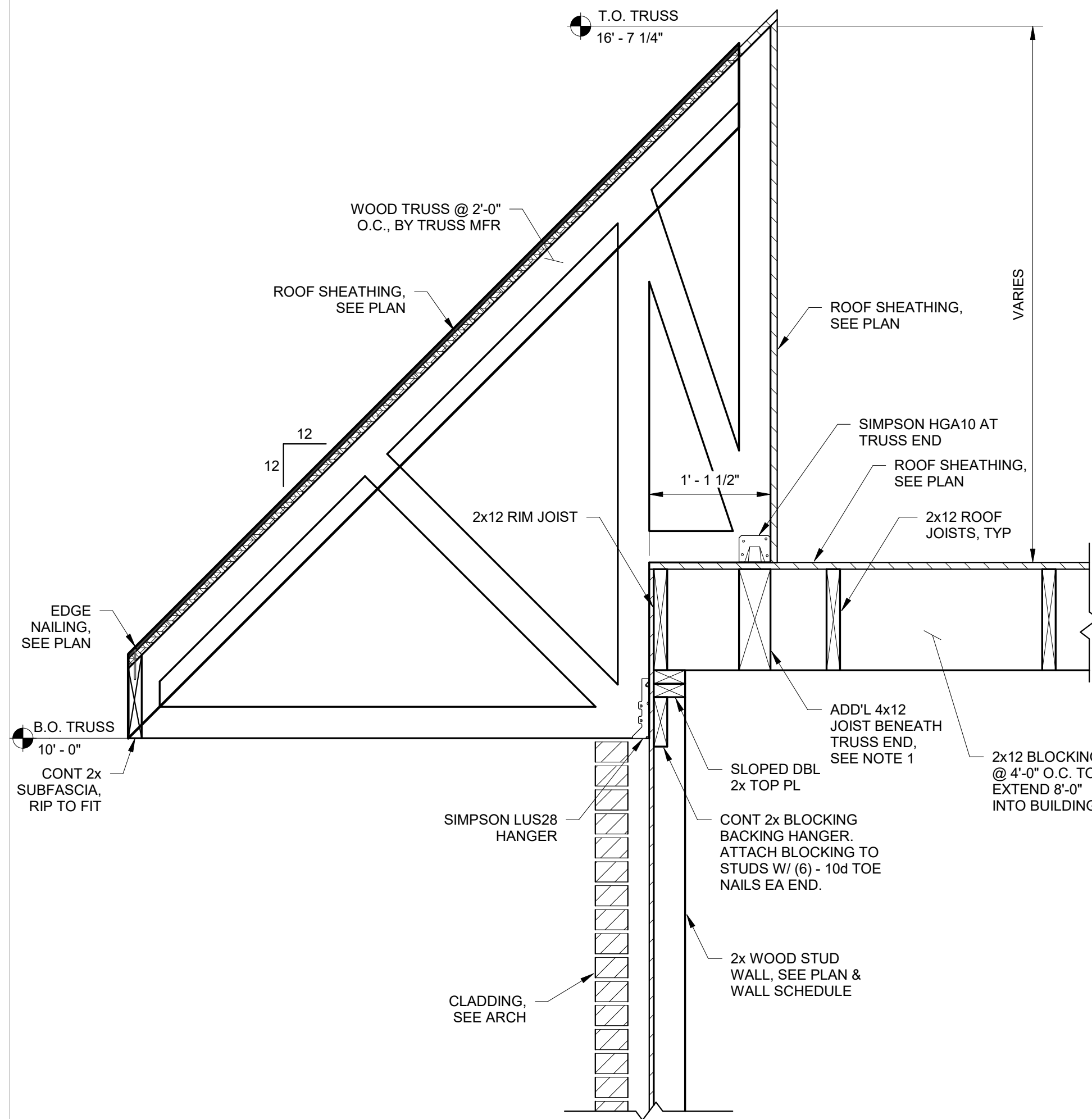


NOTE:  
1. AT ADD'L 4x12 JOIST BENEATH MANSARD TRUSS ENDS, PROVIDE ADD'L 4x4 POST WITHIN STUD WALL AT 4x12 BEARING LOCATIONS. ATTACH 4x12 TO 4x4 POST USING SIMPSON CCQ44SDS2.5 COLUMN CAP.

2 Section 2 - S503  
S503 1" = 1'-0"

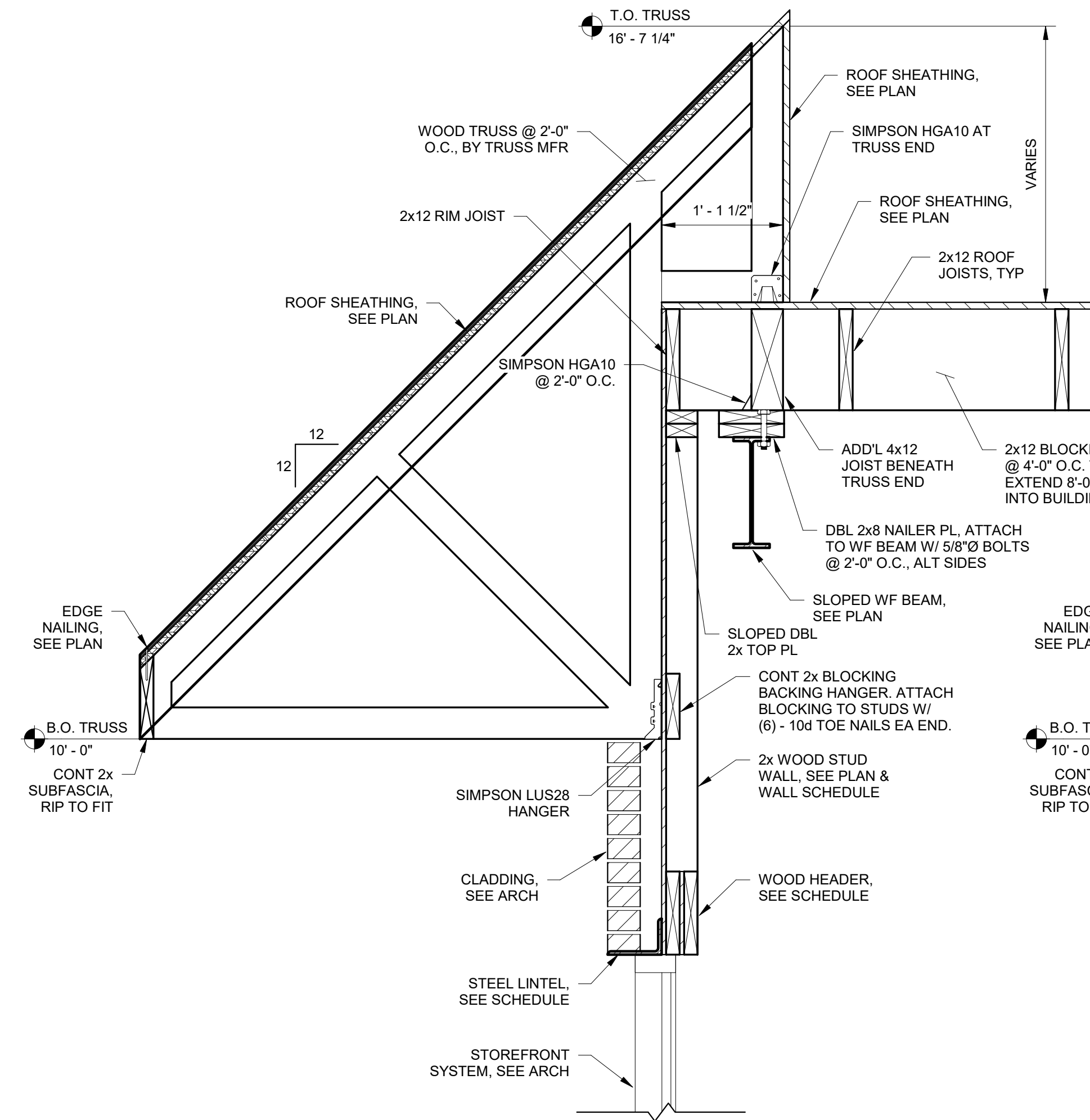


3 Section 3 - S503  
S503 1" = 1'-0"

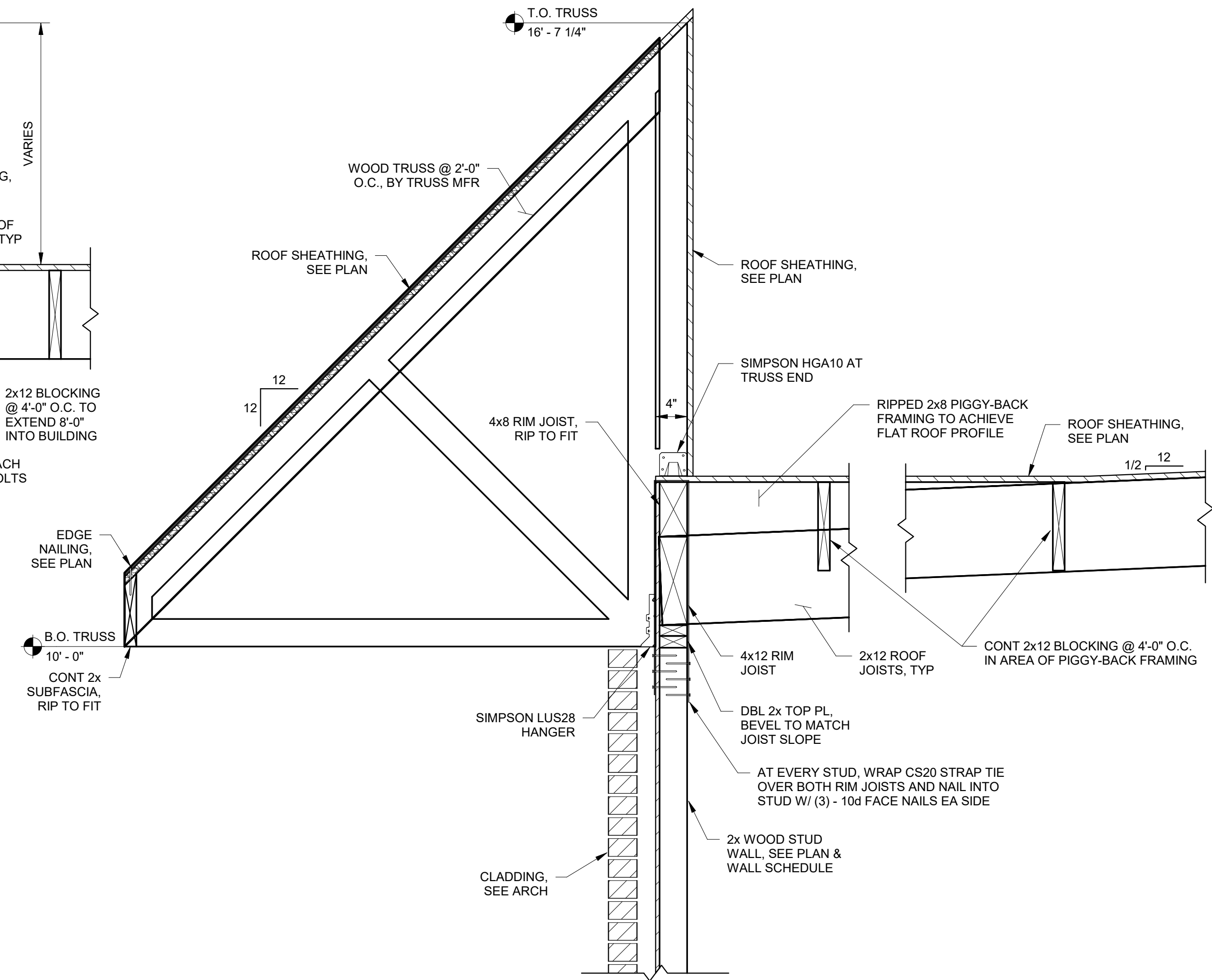


NOTE:  
1. BUTT SPLICE ADD'L 4x12 JOIST OVER SUPPORTS. PROVIDE ADD'L 4x4 POST WITHIN STUD WALL AT 4x12 BEARING LOCATIONS. ATTACH 4x12 TO 4x4 POST USING SIMPSON CCQ44SDS2.5 COLUMN CAP.

4 Section 4 - S503  
S503 1" = 1'-0"



5 Section 5 - S503  
S503 1" = 1'-0"



6 Section 6 - S503  
S503 1" = 1'-0"

Revisions:

1	STEWART
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3	04.15.2024
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Project Lead: STEWART  
Project: 21007  
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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR., BROOKHAVEN, MS 39601





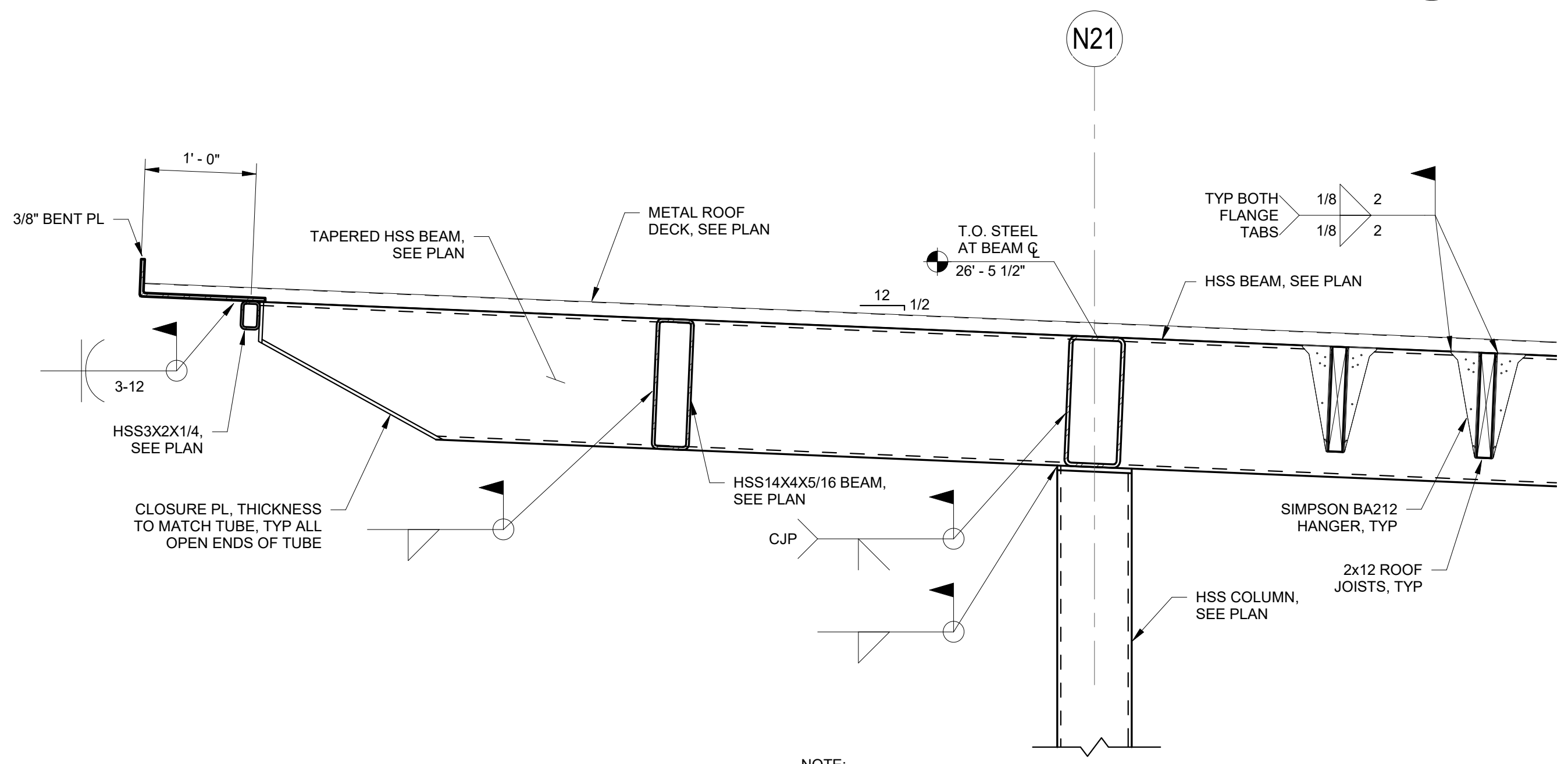
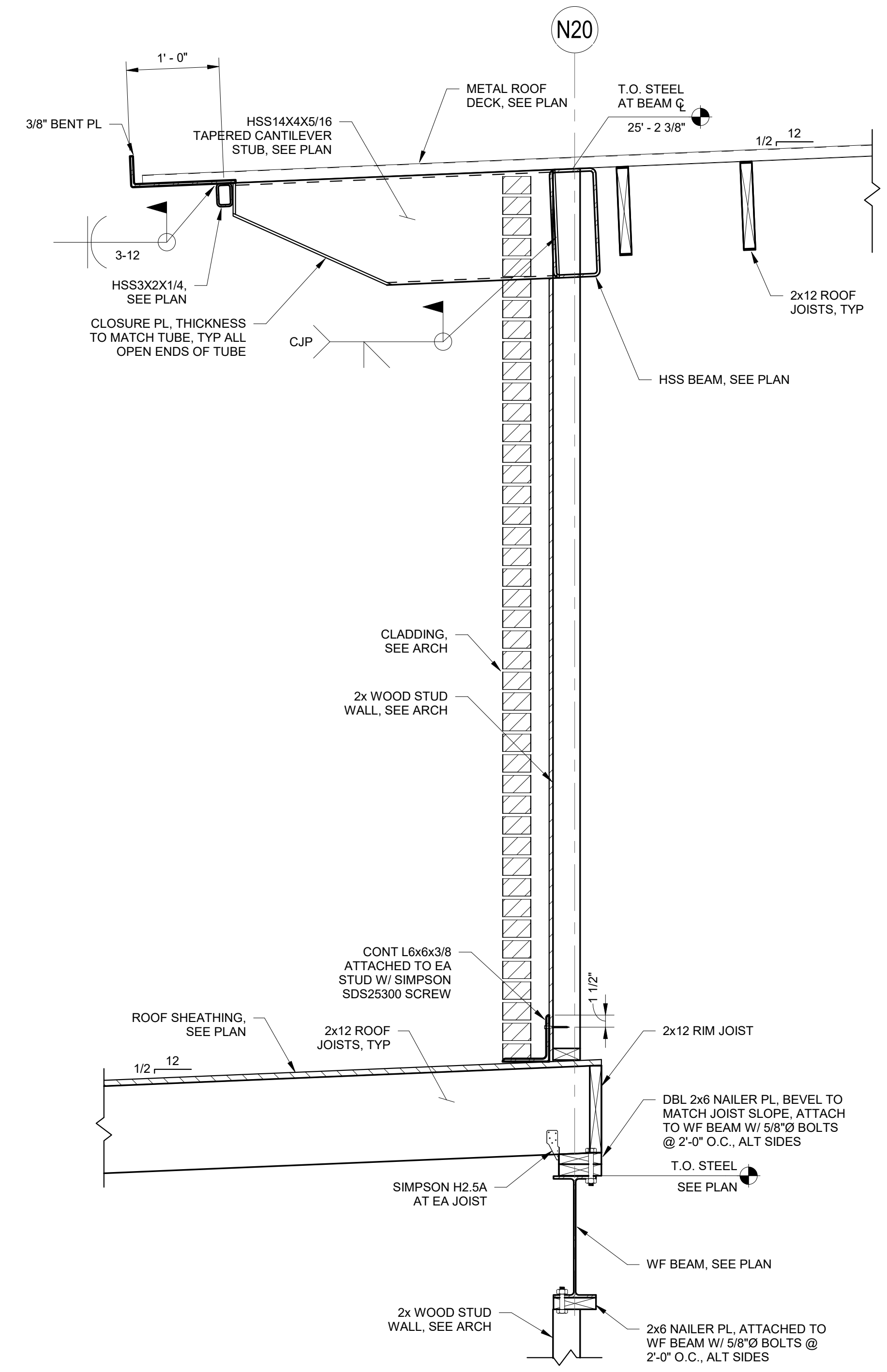
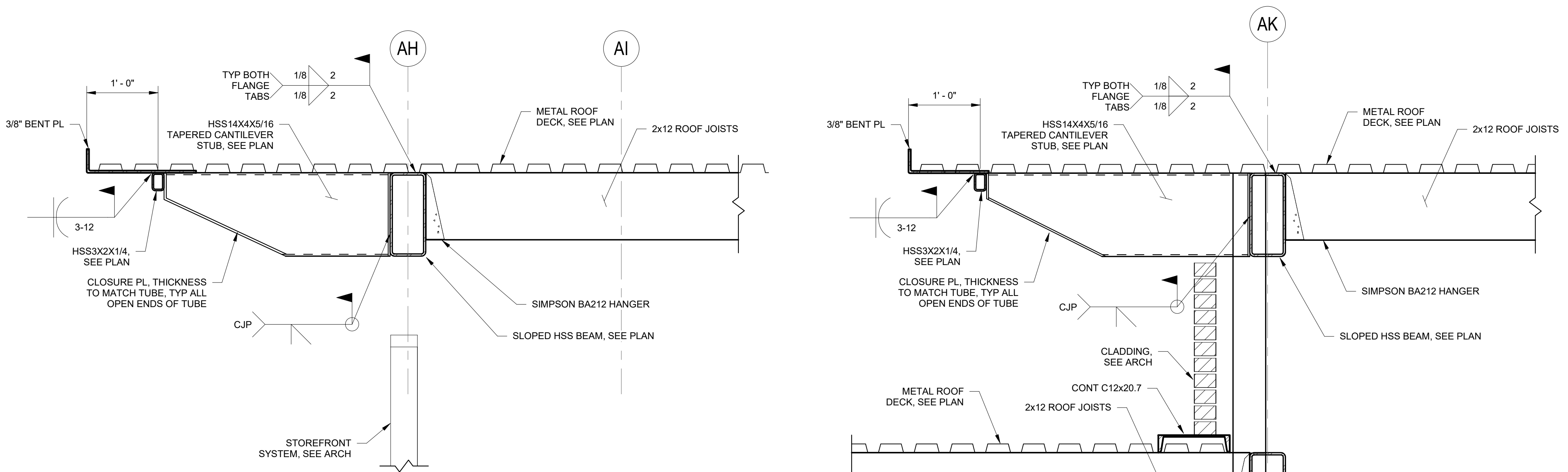
Revisions:

1	STEWART
2	21007
3	04.15.2024
	KTC
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Project Lead: STEWART  
 Project: 21007  
 Date: 04.15.2024  
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 Checked: CAS

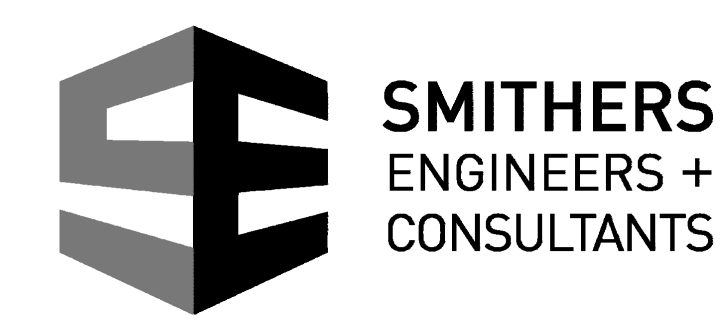
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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
 525 BROOKMAN DR, BROOKHAVEN, MS 39601

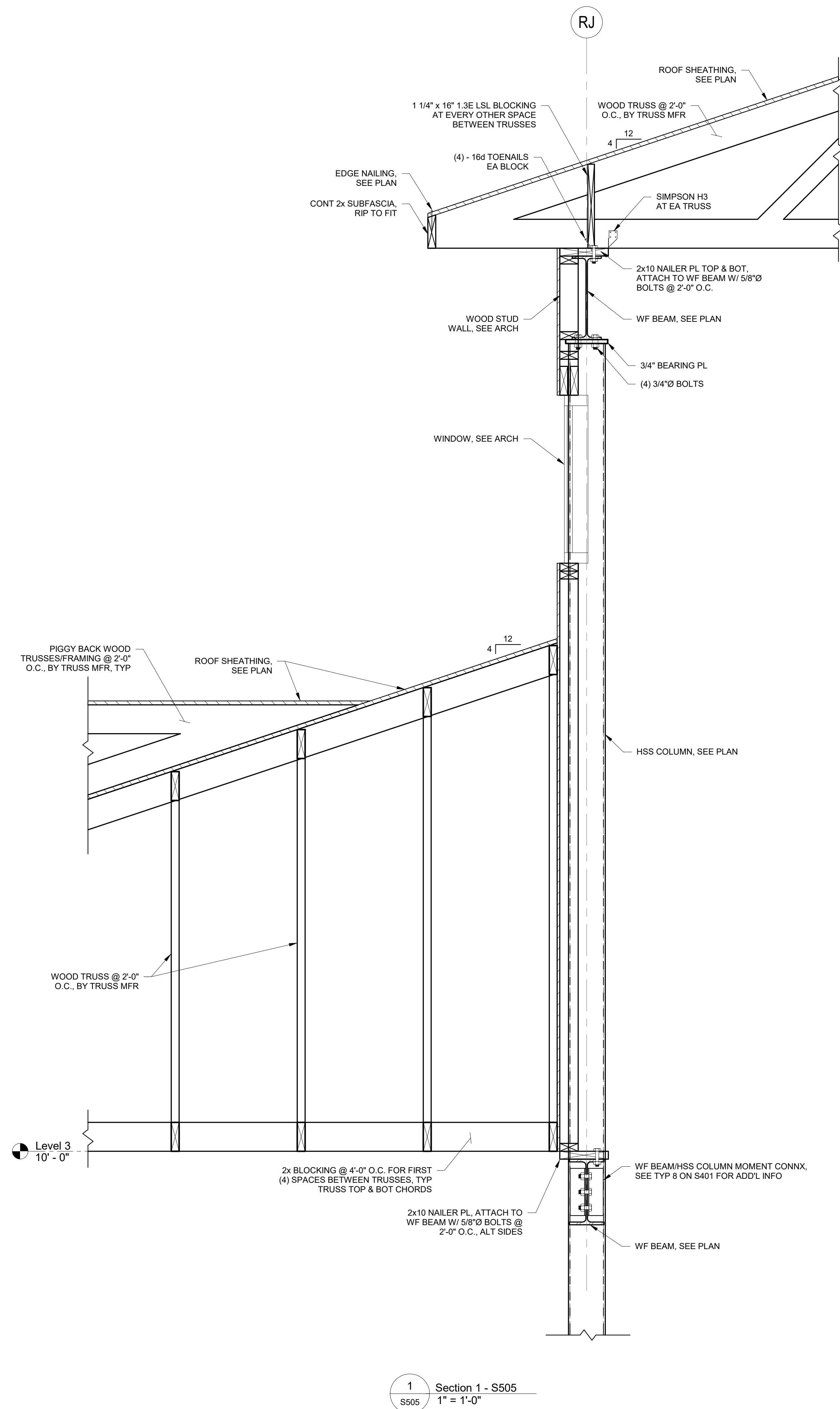


NOTE:  
 1. UNLESS NOTED OTHERWISE, BEAMS ROTATED ABOUT THEIR LONGITUDINAL AXIS ARE DIMENSIONED ON PLAN RELATIVE TO THEIR ORIGIN, NOT THEIR TOP.

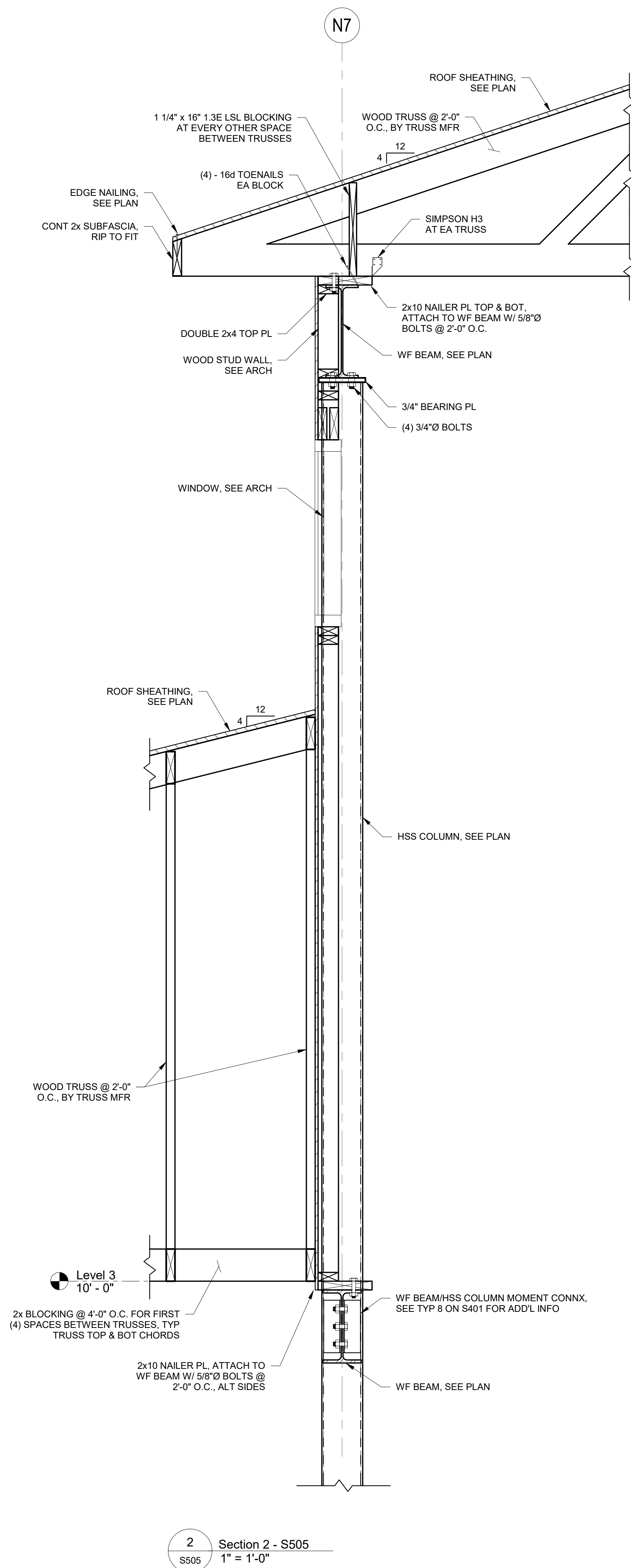
NOTE:  
 1. UNLESS NOTED OTHERWISE, BEAMS ROTATED ABOUT THEIR LONGITUDINAL AXIS ARE DIMENSIONED ON PLAN RELATIVE TO THEIR ORIGIN, NOT THEIR TOP.







1 Section 1 - S505  
1" = 1'-0"



2 Section 2 - S505  
1" = 1'-0"

Revisions:

1	STEWART
2	21007
3	04.15.2024

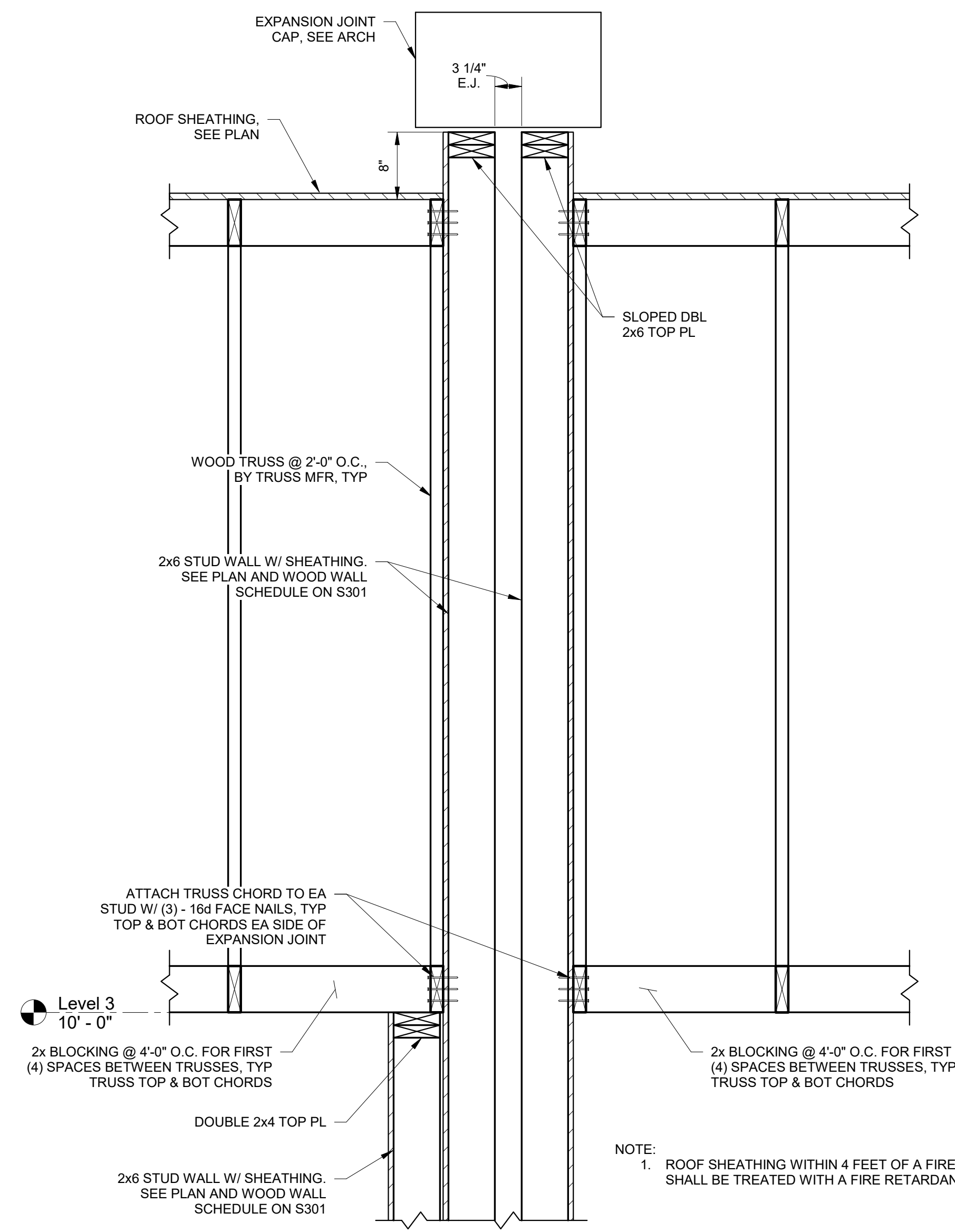
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Project Lead:	STEWART
Project:	21007
Date:	04.15.2024
Drawn:	KTC
Checked:	CAS

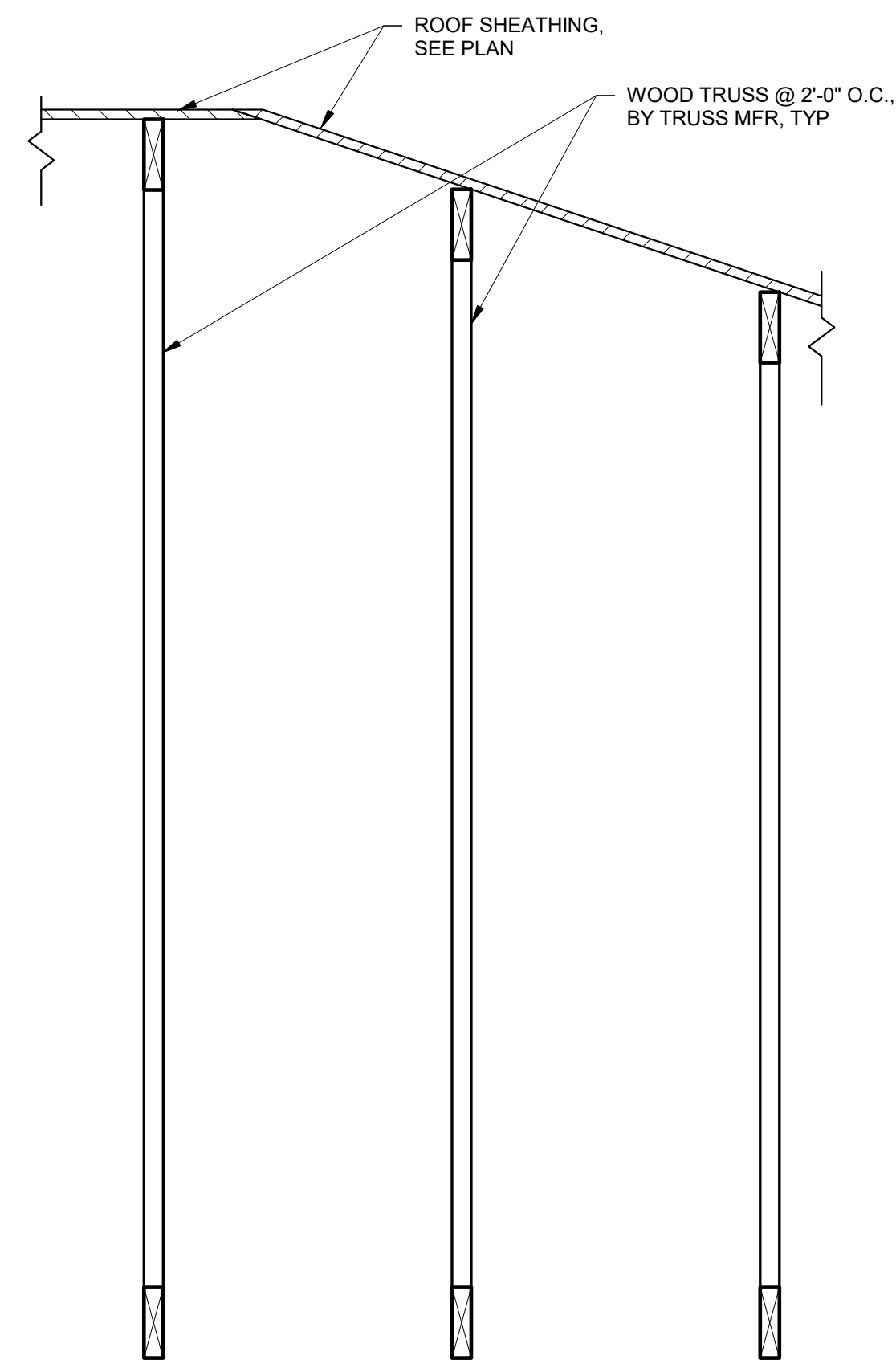
**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
 525 BROOKMAN DR., BROOKHAVEN, MS 39601



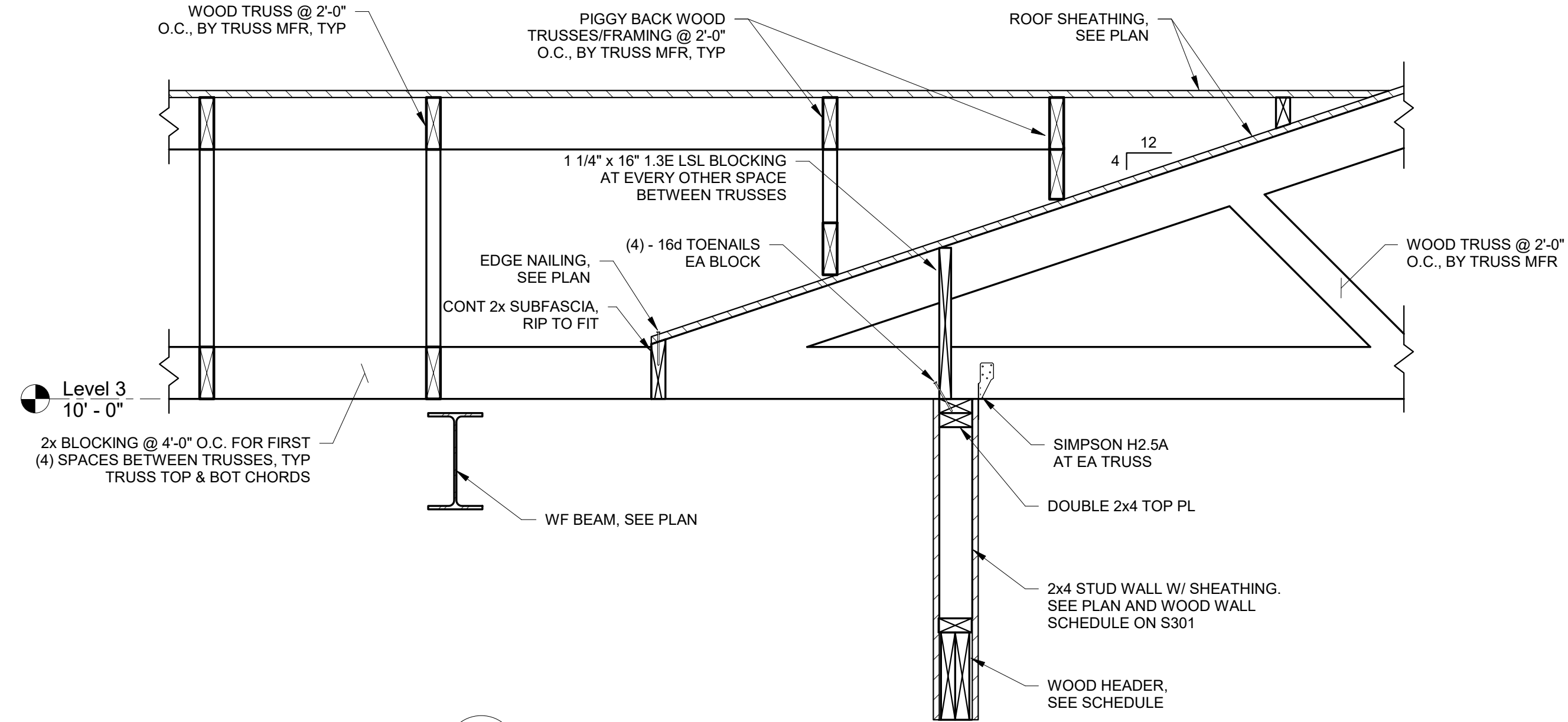




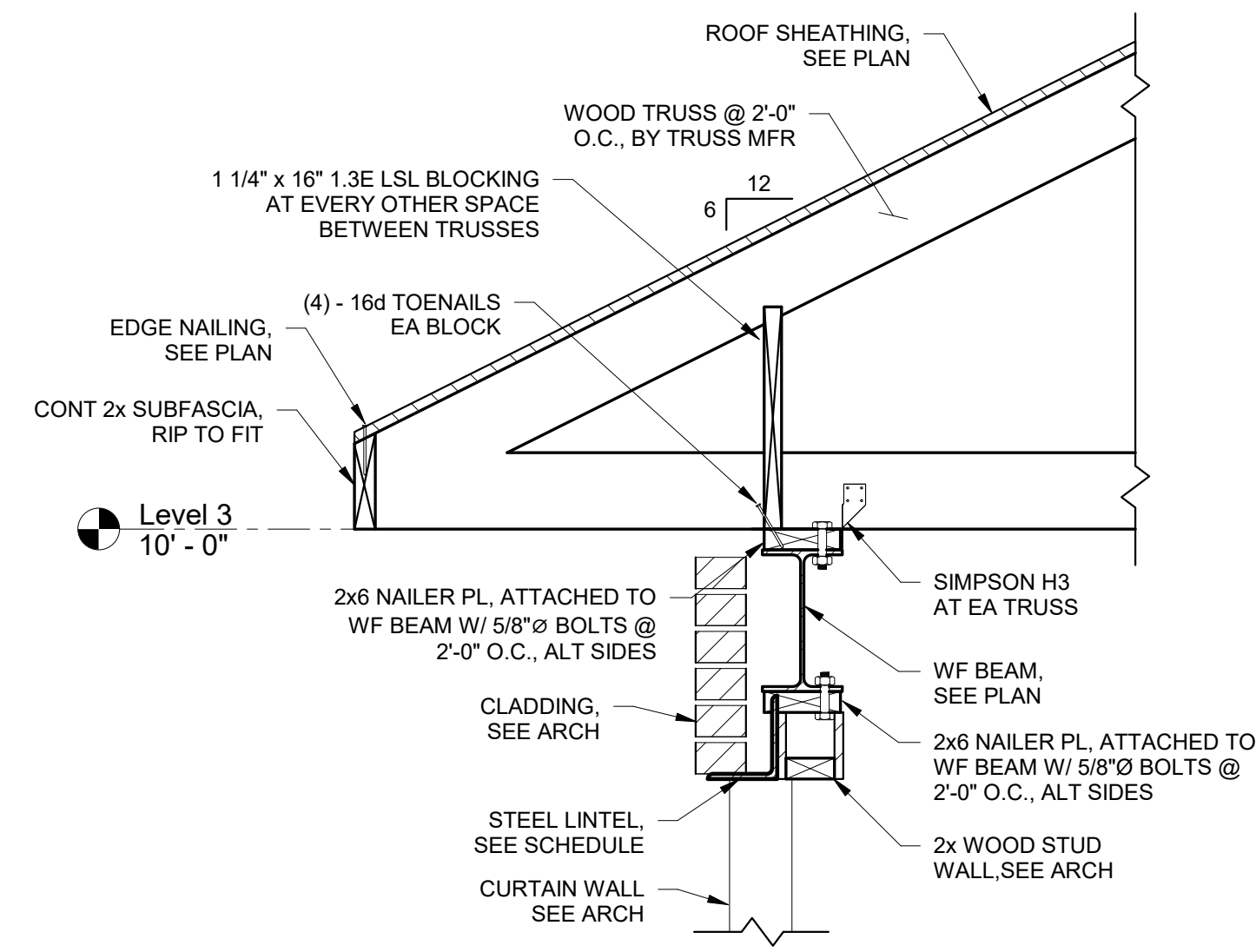
1 Section 1 - S506  
S506 1" = 1'-0"



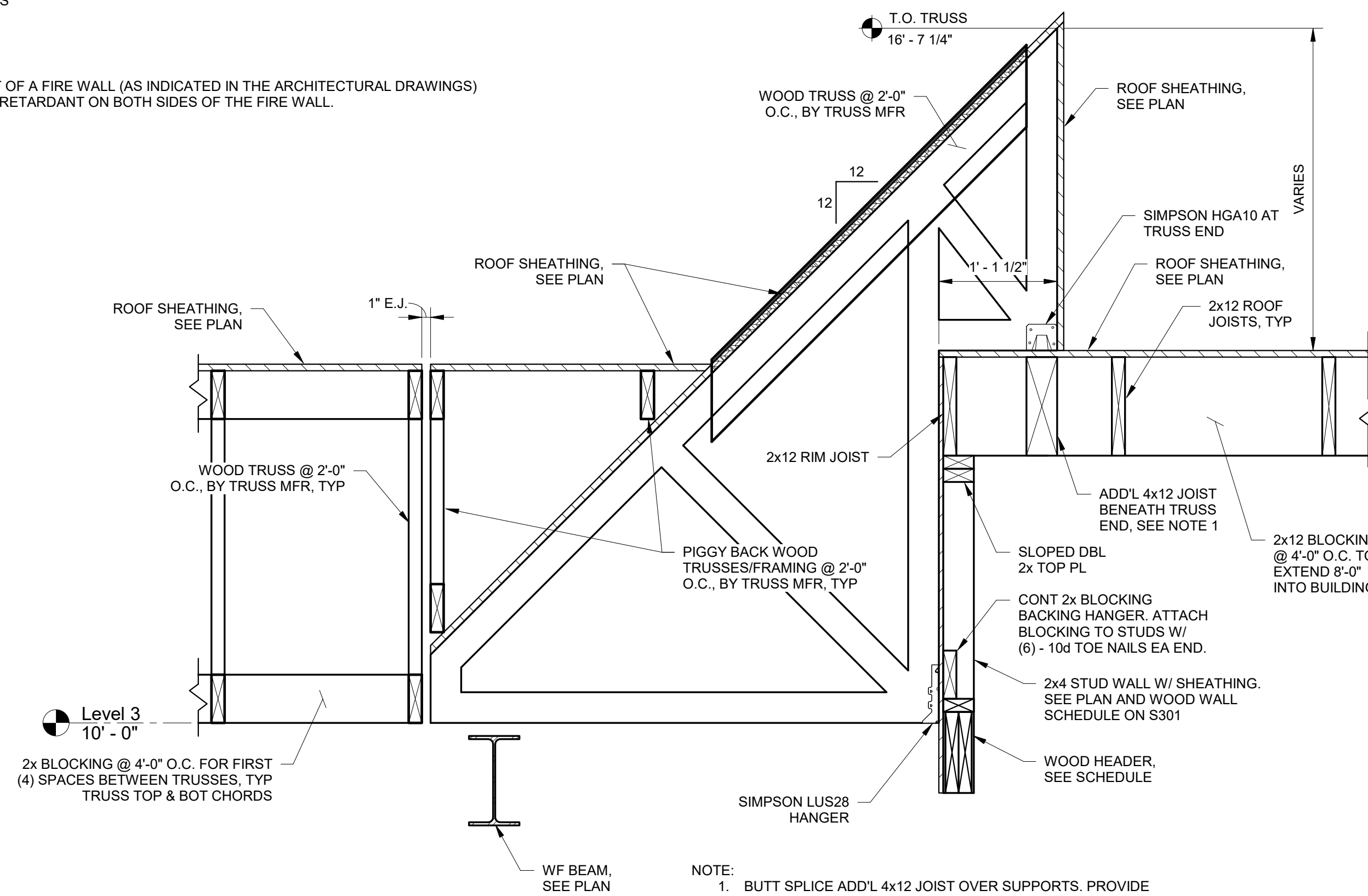
2 Section 2 - S506  
S506 1" = 1'-0"



3 Section 3 - S506  
S506 1" = 1'-0"



4 Section 4 - S506  
S506 1" = 1'-0"



NOTE:  
1. BUTT SPlice ADD'L 4x12 JOIST OVER SUPPORTS. PROVIDE ADD'L 4x4 POST WITHIN STUD WALL AT 4x12 BEARING LOCATIONS. ATTACH 4x12 TO 4x4 POST USING SIMPSON CCQ44SDS2.5 COLUMN CAP.

NOTE:  
1. ROOF SHEATHING WITHIN 4 FEET OF A FIRE WALL (AS INDICATED IN THE ARCHITECTURAL DRAWINGS) SHALL BE TREATED WITH A FIRE RETARDANT ON BOTH SIDES OF THE FIRE WALL.

Revisions:

1	STEWART
2	21007
3	04.15.2024
	KTC
	CAS

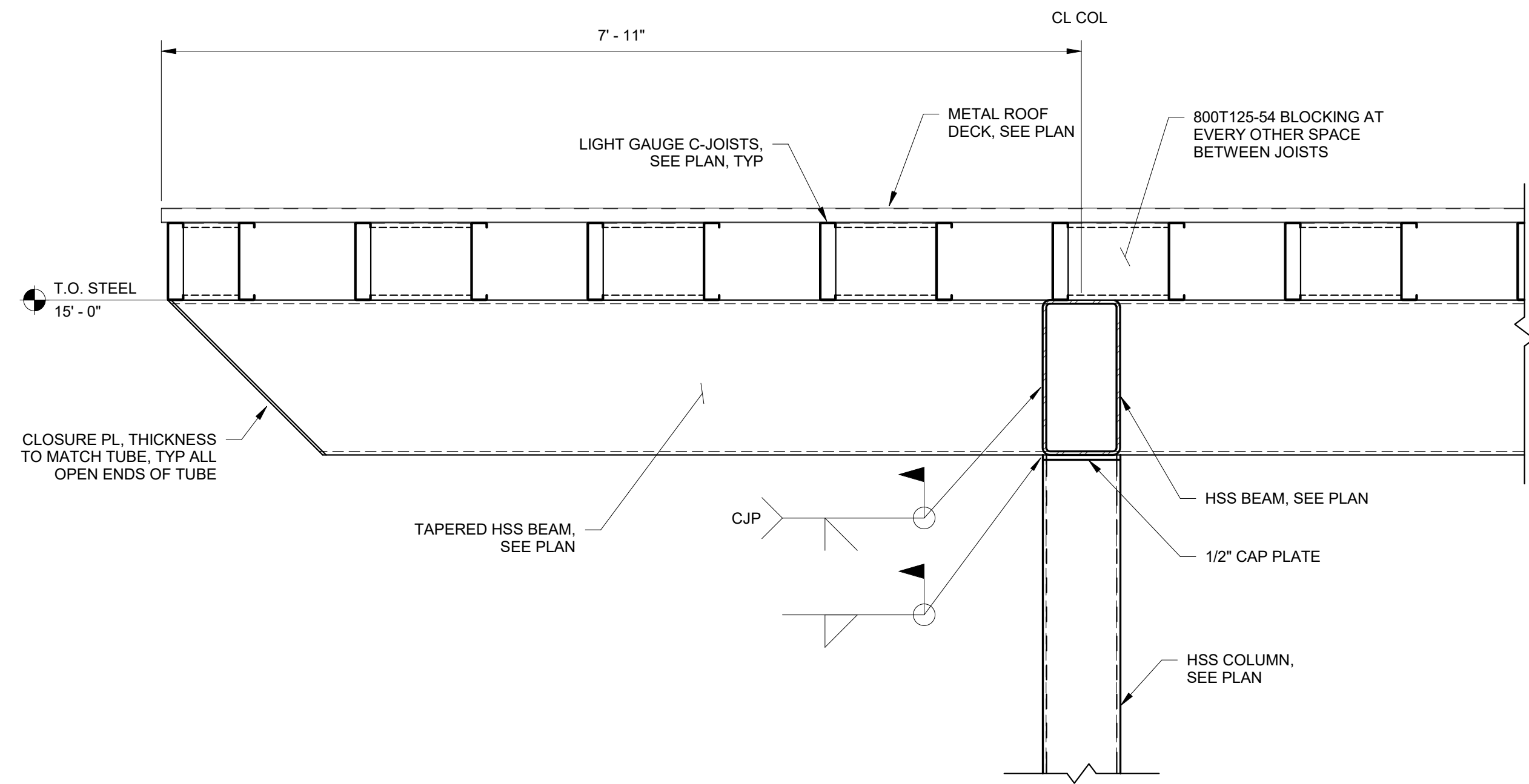
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Project: 21007  
Date: 04.15.2024  
Drawn: KTC  
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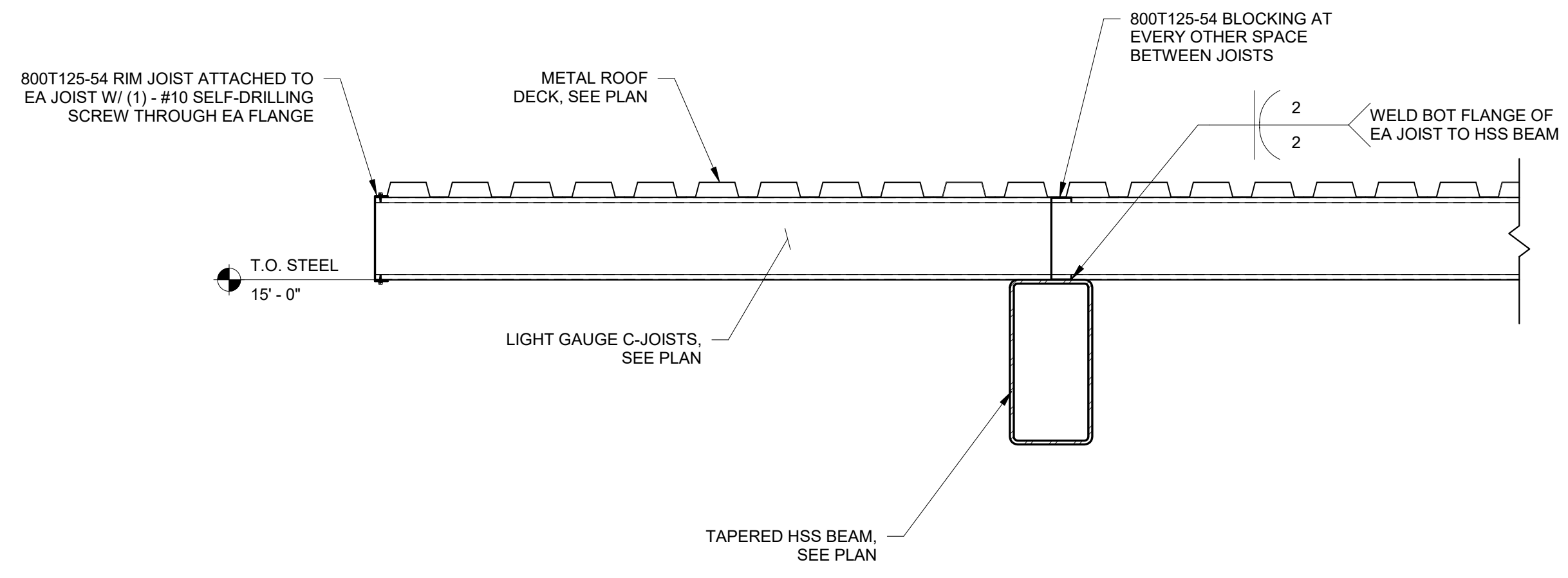
**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR., BROOKHAVEN, MS 39601







1 Section 1 - S507  
S507 1" = 1'-0"



2 Section 2 - S507  
S507 1" = 1'-0"

Revisions:

1	STEWART
2	21007
3	04.15.2024
	KTC
	CAS

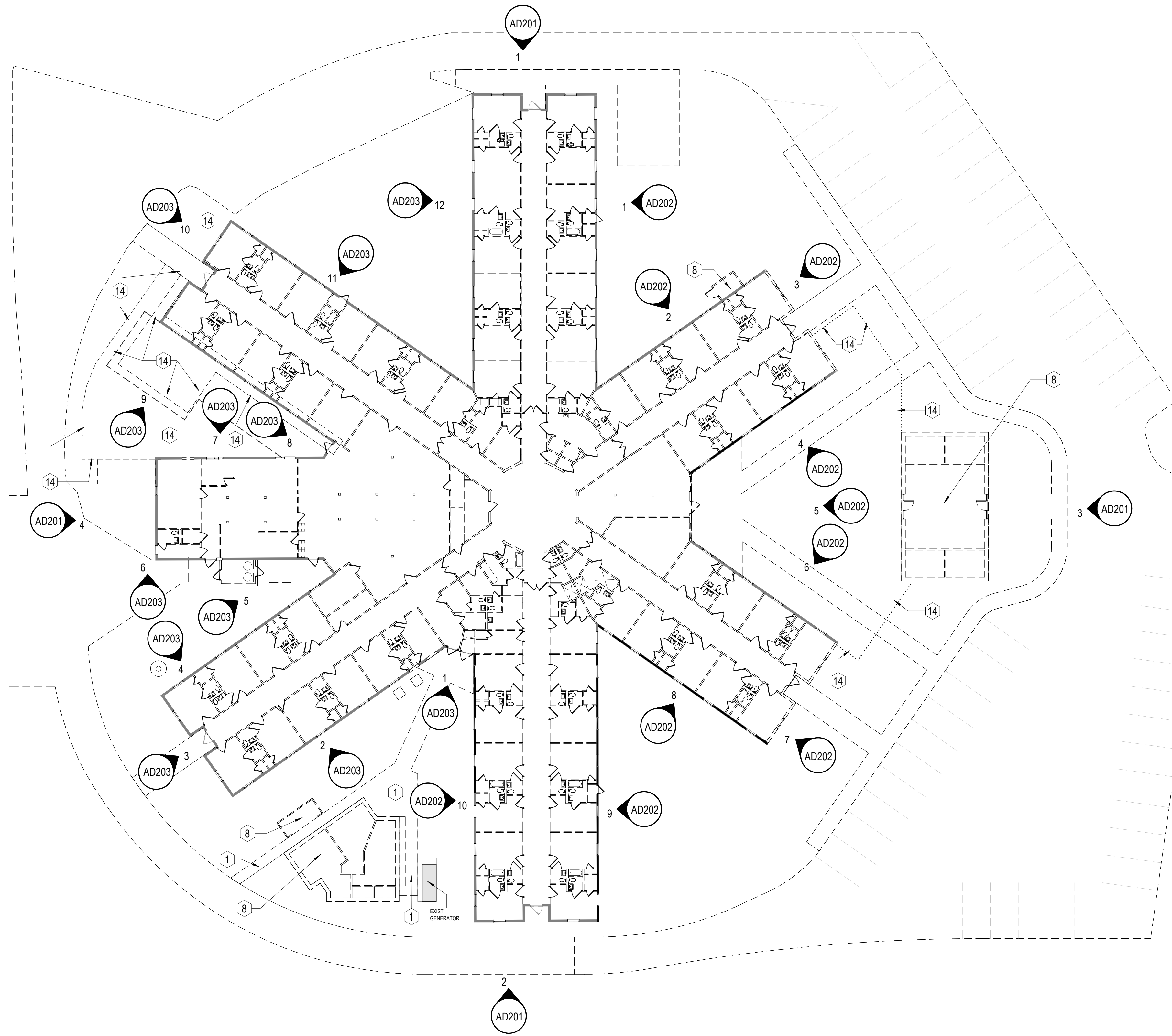
Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: KTC  
Checked: CAS

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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR,  
BROOKHAVEN, MS 39601





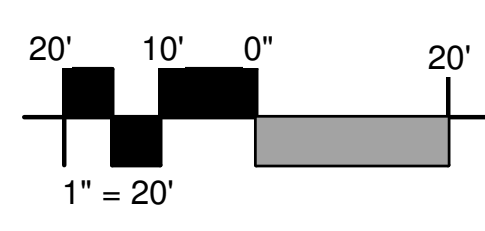


DEMOLITION KEYNOTES	
1	DEMOLISH SIDEWALKS.
2	DEMOLISH WALL ENTIRELY.
3	PARTIALLY DEMOLISH EXISTING WALL FOR NEW WORK.
4	DEMOLISH DOOR & FRAME
5	DEMOLISH WINDOW
6	DEMOLISH SHUTTER
7	DEMOLISH EXTERIOR A/C WINDOW UNIT
8	DEMOLISH BUILDING ENTIRELY.
9	DEMOLISH WALL AS REQ'D FOR NEW OPENING.
10	DEMOLISH PLUMBING FIXTURES
11	DEMOLISH COLUMN
12	REMOVE WINDOW IN PREPARATION FOR INSTALLATION OF A NEW WINDOW. PARTIALLY DEMOLISH BRICK AND CUT OPENING FOR INSTALLATION OF PTAC HVAC UNIT BELOW THE WINDOW.
13	DEMOLISH MILLWORK.
14	DEMOLISH FENCING ENTIRELY.
15	DEMOLISH ALL CEILING LIGHTING, CEILING LAT GRID SYSTEM & ALL HARD CEILINGS IN ENTIRE BUILDING. DEMO OF ALL CEILING FANS IS INCLUDED IN THE DEMO SCOPE.
16	DEMOLISH ALL GUTTERS & DOWNSPOUTS
17	DEMOLISH MECHANICAL UNITS AT GRADE & ON ROOF.
18	DEMOLISH ROOF SYSTEM & ALL ROOF SOFFITS AND ALL CANOPIES. SCOPE INCLUDES DEMO OF ROOFING MEMBRANE, ROOFING INSULATION, ROOF DECKING & ALL ROOF JOIST.
19	DEMOLISH SIDEWALKS.
20	DISCONNECT EXISTING SECURITY CAMERA / EXTERIOR LIGHTING AND TURN OVER TO OWNER.

**1** ARCHITECTURAL SITE DEMO PLAN  
1" = 20'-0"



NORTH



Revisions:	
1	STEWART
2	21007
3	04.15.2024
	KLT
	TS

Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: KLT  
Checked: TS

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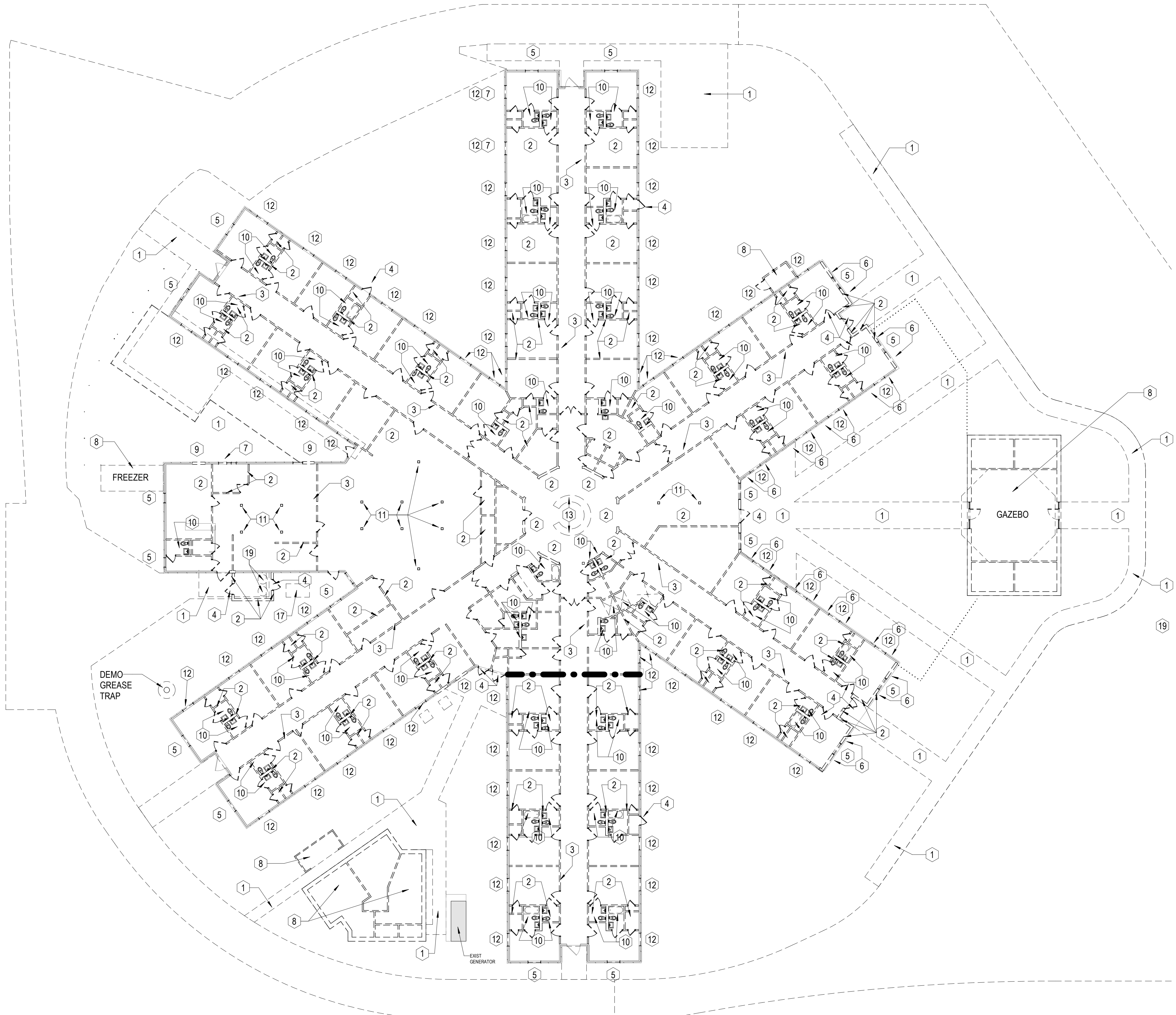
**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR., BROOKHAVEN, MS 39601



ARCHITECTURAL SITE DEMO

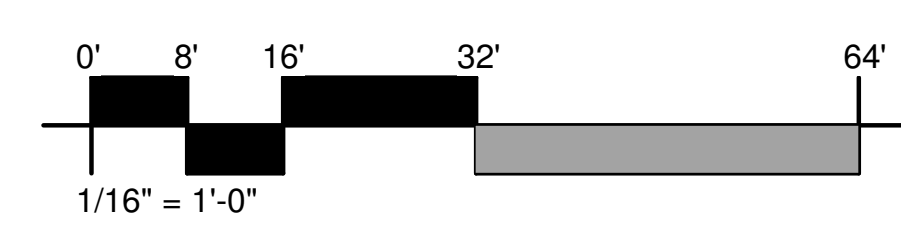
**AD101**





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19	DEMOLISH SIDEWALKS.
20	DISCONNECT EXISTING SECURITY CAMERA / EXTERIOR LIGHTING AND TURN OVER TO OWNER.

**1 OVERALL DEMO PLAN**  
1/16" = 1'-0"



Project Lead:	STEWART
Project:	21007
Date:	04.15.2024
Drawn:	KLT
Checked:	TS

Revisions:

1	
2	
3	

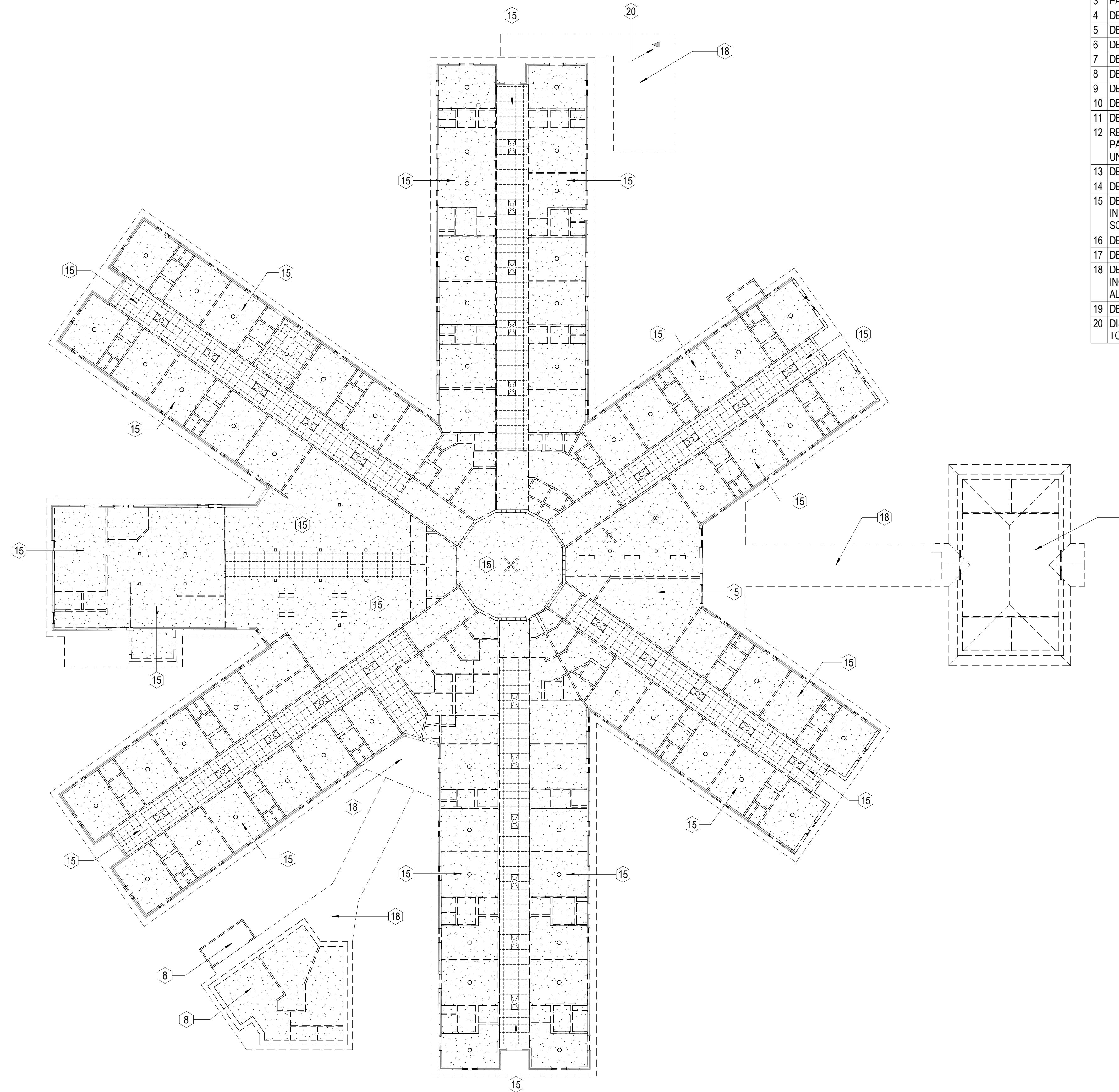
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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR., BROOKHAVEN, MS 39601



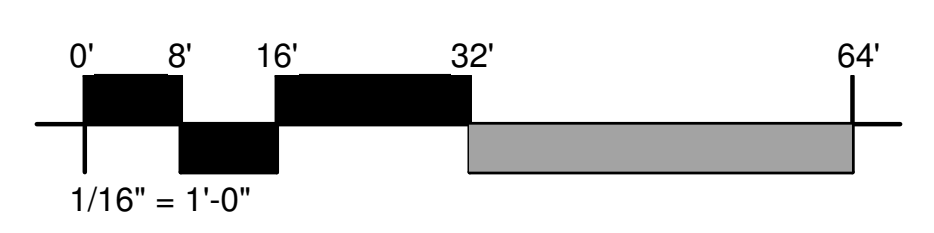
ARCHITECTURAL DEMO FLOOR PLAN





DEMOLITION KEYNOTES	
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**1 OVERALL DEMO REFLECTIVE CEILING PLAN**  
 1/16" = 1'-0"  
 NORTH



Project Lead:	STEWART
Project:	21007
Date:	04.15.2024
Drawn:	KLT
Checked:	TS

Revisions:

1	
2	
3	

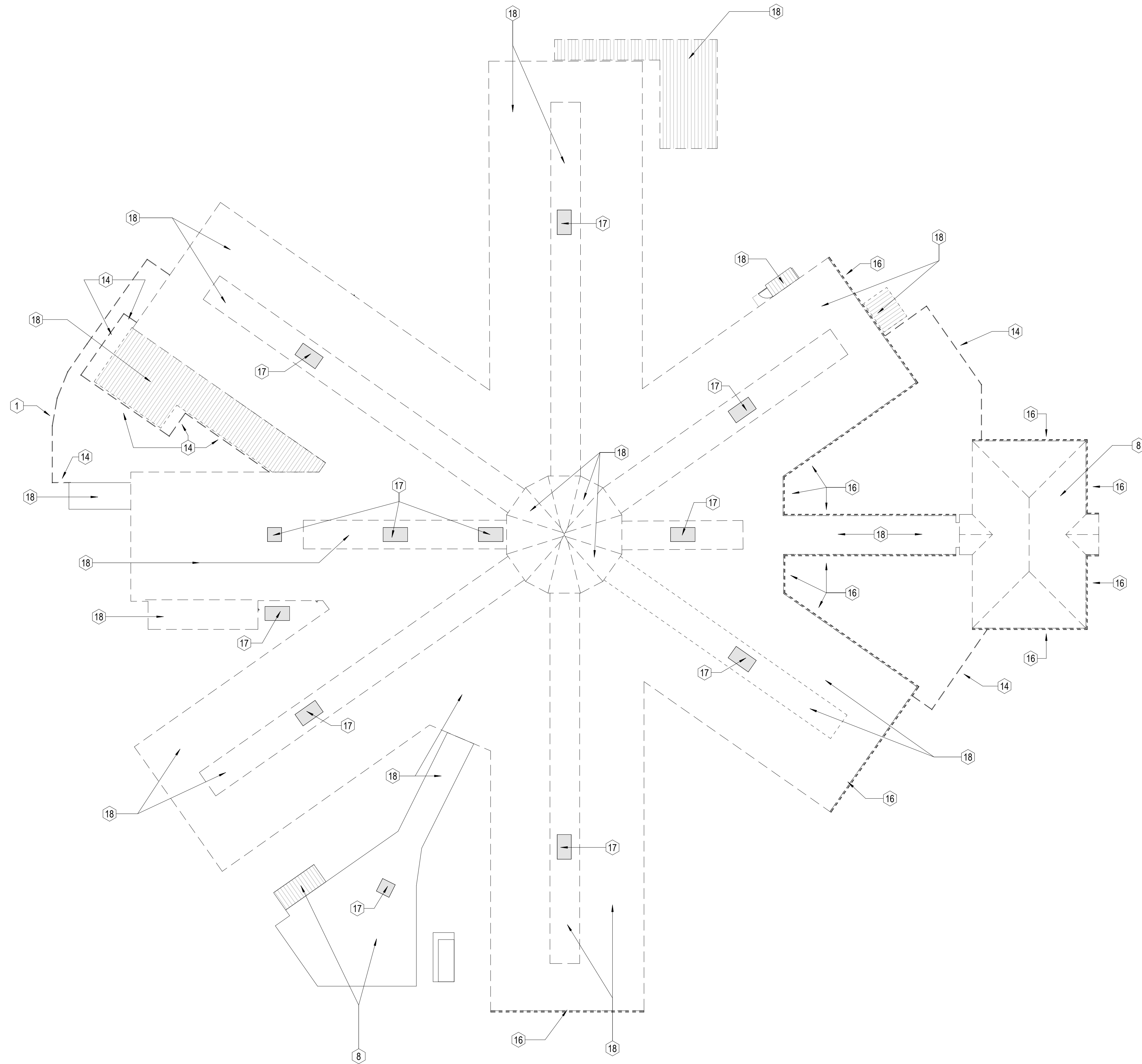
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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
 525 BROOKMAN DR., BROOKHAVEN, MS 39601



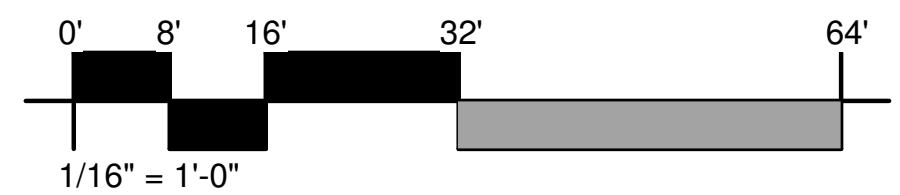
OVERALL DEMO  
 RCP





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19	DEMOLISH SIDEWALKS.
20	DISCONNECT EXISTING SECURITY CAMERA/ EXTERIOR LIGHTING AND TURN OVER TO OWNER.

**1 DEMO ROOF PLAN**  
A611 1/16" = 1'-0"  
NORTH



Revisions:	Project Lead:	Project:	Date:	Drawn:	Checked:
1	STEWART	21007	04.15.2024	KLT	TS
2					
3					

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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**

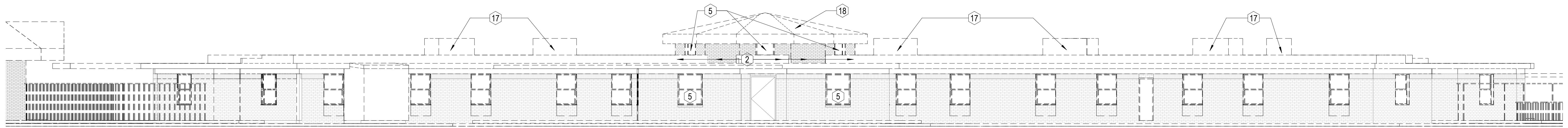
525 BROOKMAN DR,  
BROOKHAVEN, MS 39601



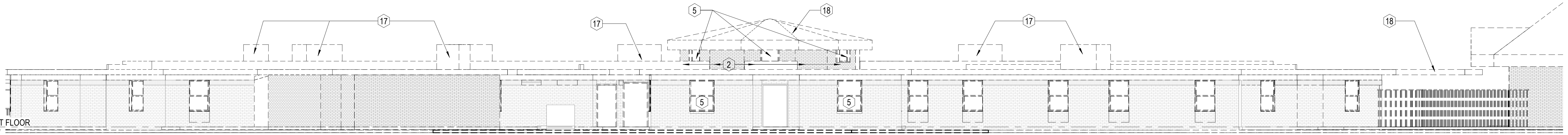
ARCHITECTURAL  
DEMO ROOF  
PLAN

**AD104**

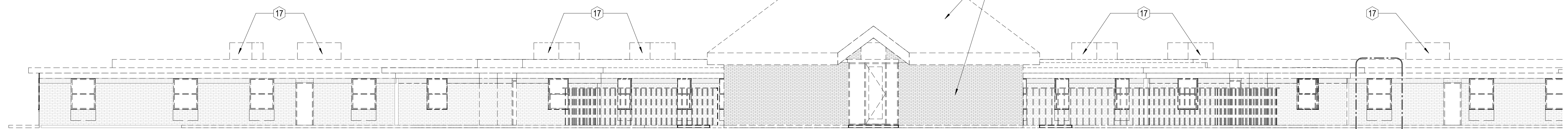




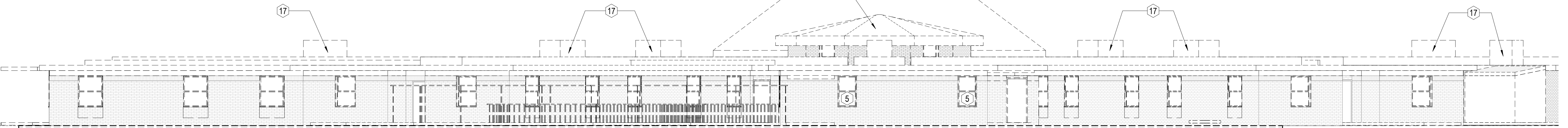
**1 DEMO ENLARGED ELEVATION - NORTH**  
AD101 1/8" = 1'-0"



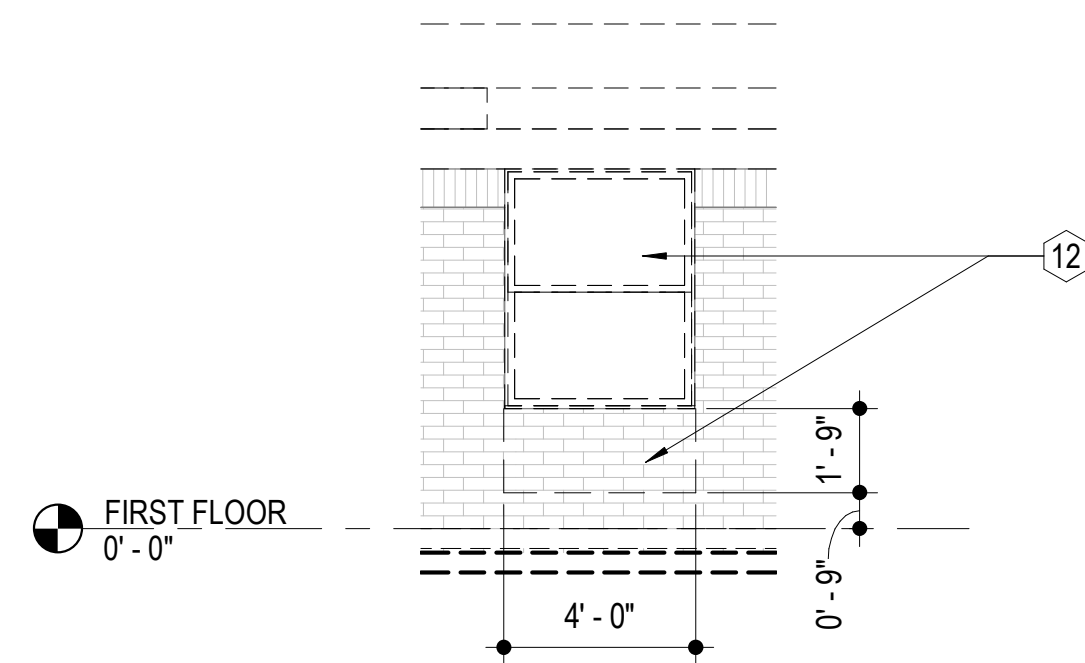
**2 DEMO ENLARGED ELEVATION - SOUTH**  
AD101 1/8" = 1'-0"



**3 DEMO ENLARGED ELEVATION - EAST**  
AD101 1/8" = 1'-0"

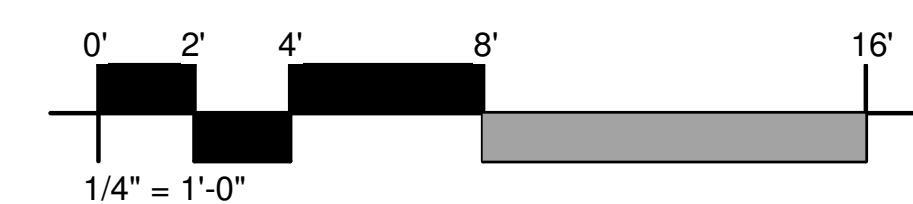
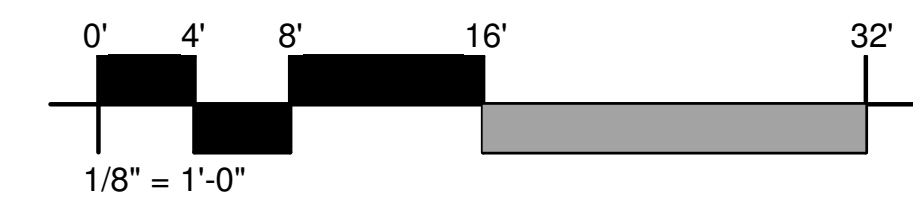


**4 DEMO ENLARGED ELEVATION - WEST**  
AD101 1/8" = 1'-0"



**5 PARTIAL DEMO ELEVATION - TYPICAL @ PATIENT ROOM WINDOW**  
AD201 1/4" = 1'-0"

DEMOLITION KEYNOTES	
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19	DEMOLISH SIDEWALKS.
20	DISCONNECT EXISTING SECURITY CAMERA / EXTERIOR LIGHTING AND TURN OVER TO OWNER.



Revisions:

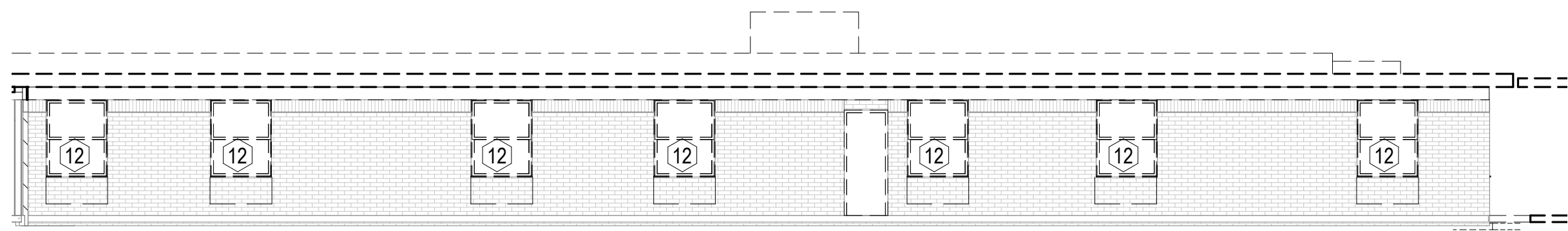
1	STEWART
2	21007
3	04.15.2024
	KLT
	TS

Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: KLT  
Checked: TS

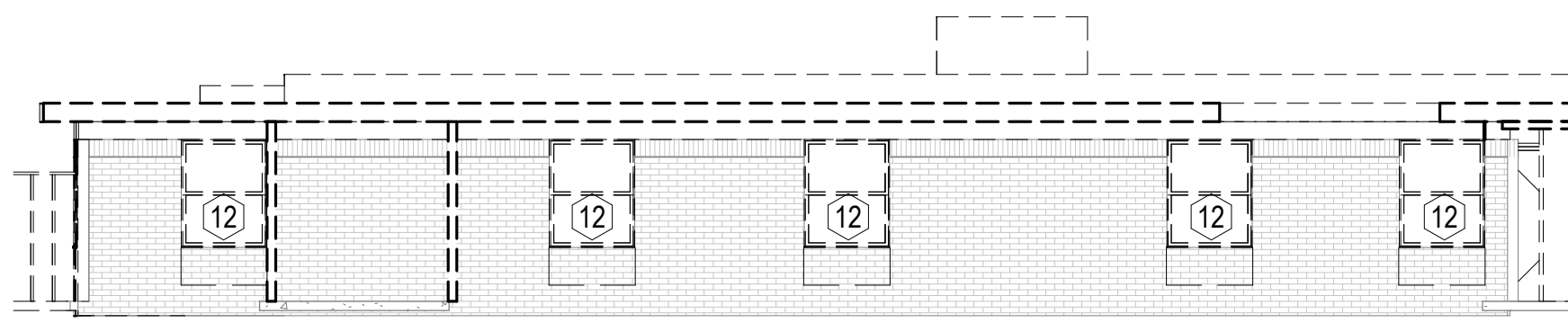
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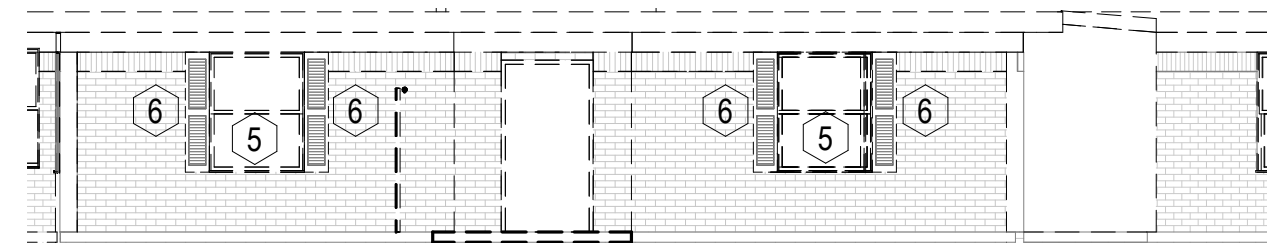




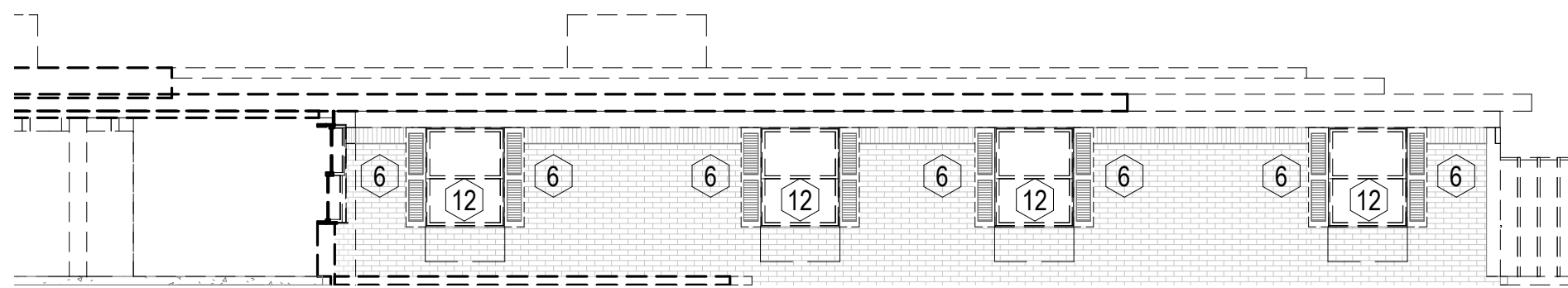
**1 DEMO - EAST ELEVATION (NORTH END)**  
1/8" = 1'-0"



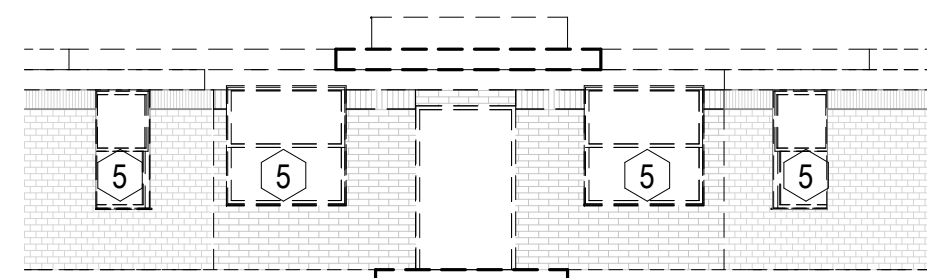
**2 DEMO - NORTHWEST ELEVATION (EAST END)**  
1/8" = 1'-0"



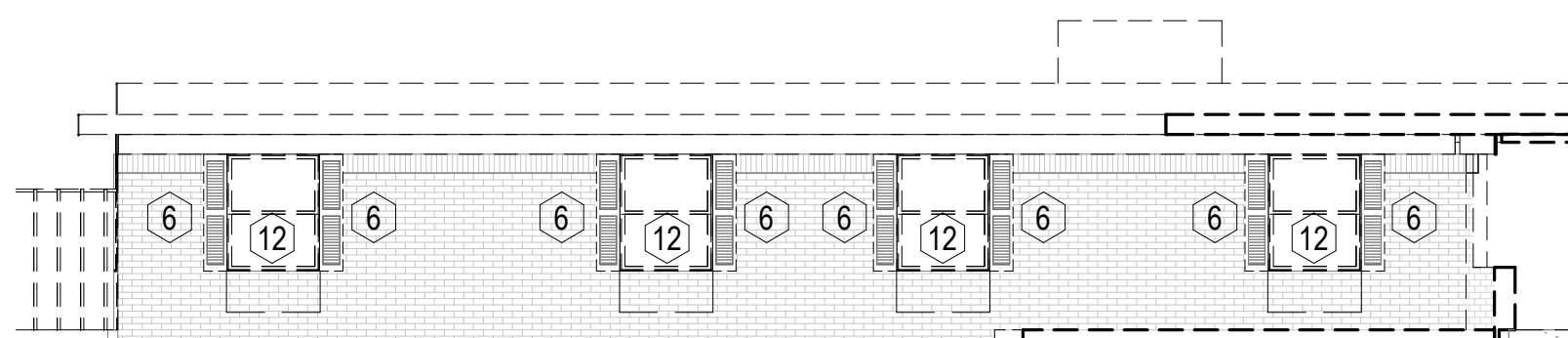
**3 DEMO ELEVATION - NORTHEAST ELEVATION (EAST END)**  
1/8" = 1'-0"



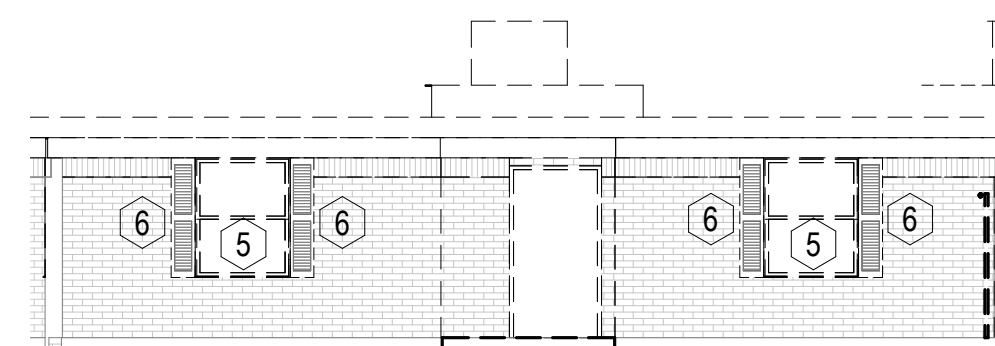
**4 DEMO - SOUTHEAST ELEVATION (EAST END)**  
1/8" = 1'-0"



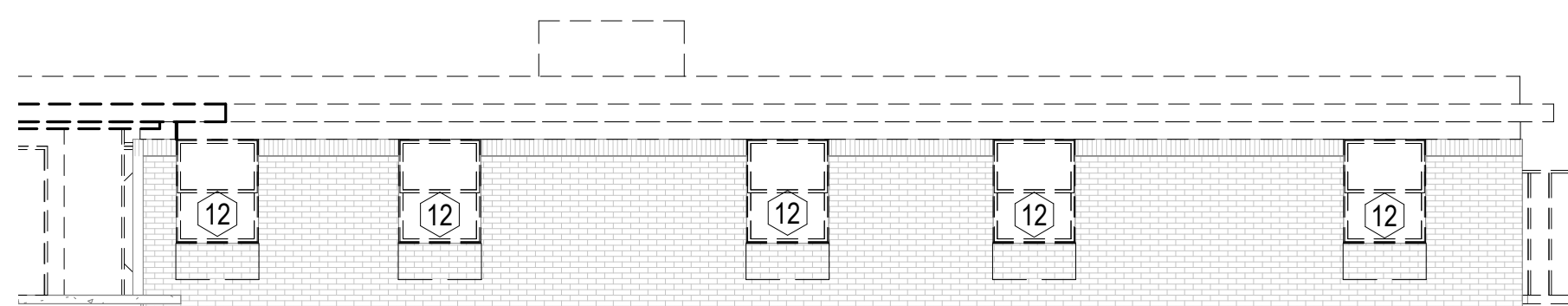
**5 DEMO - EAST ELEVATION (EAST END)**  
1/8" = 1'-0"



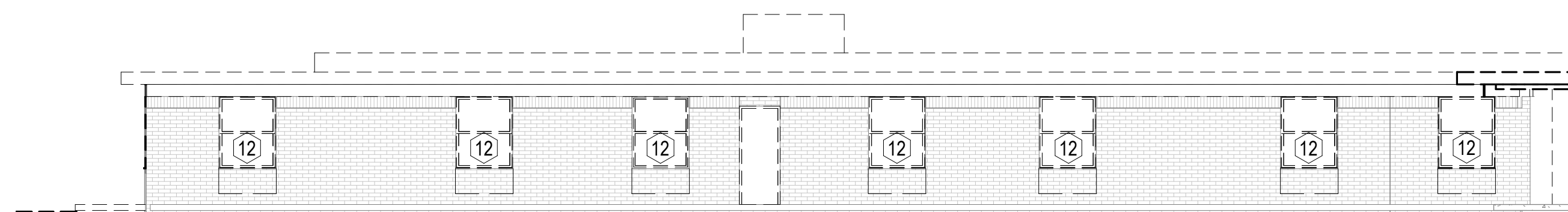
**6 DEMO - NORTHEAST ELEVATION (EAST END)**  
1/8" = 1'-0"



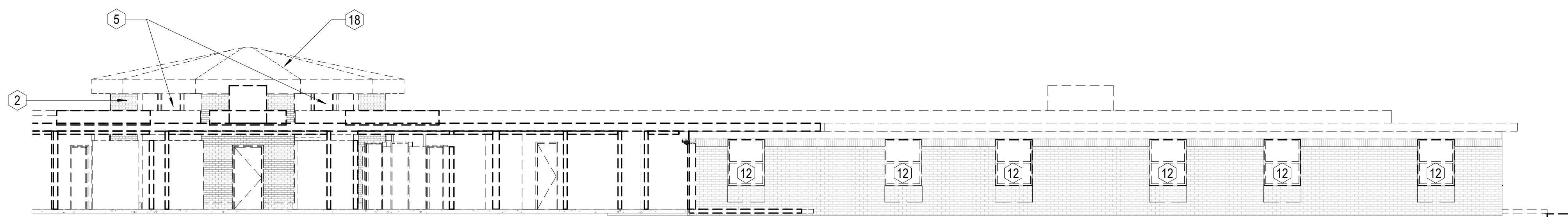
**7 DEMO - SOUTHEAST ELEVATION (EAST END)**  
A503 1/8" = 1'-0"



**8 DEMO - NORTHWEST ELEVATION (EAST END)**  
1/8" = 1'-0"

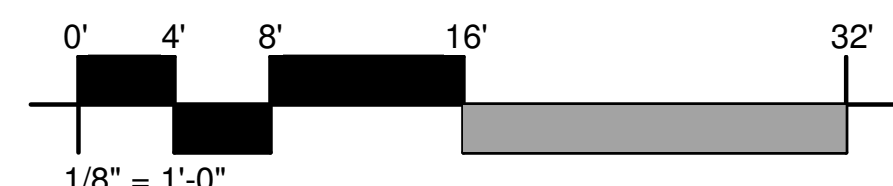


**9 DEMO - EAST ELEVATION (SOUTH END)**  
1/8" = 1'-0"



**10 DEMO - WEST ELEVATION (SOUTH END)**  
1/8" = 1'-0"

DEMOLITION KEYNOTES	
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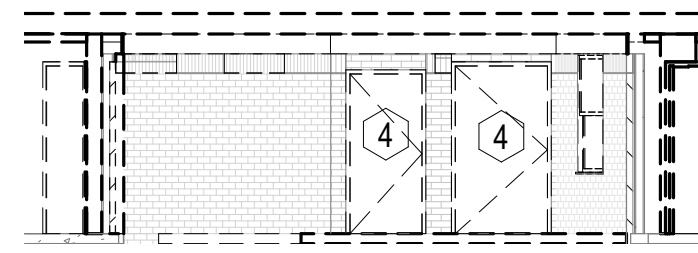


Revisions:	Project Lead:	Project:	Date:	Drawn:	Checked:
1	STEWART	21007	04.15.2024	KLT	TS
2					
3					

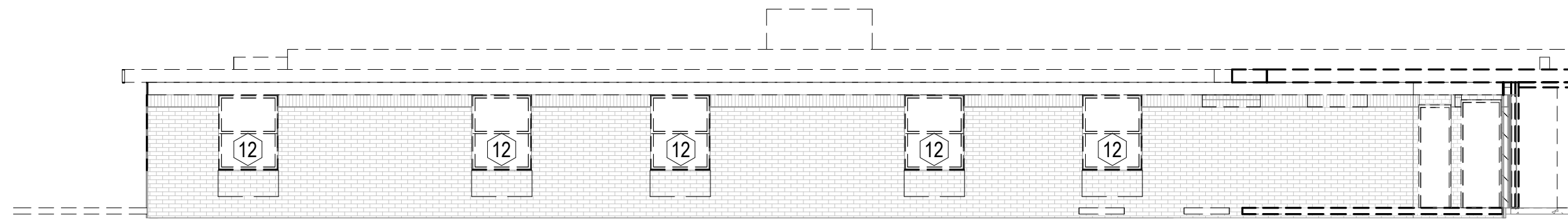
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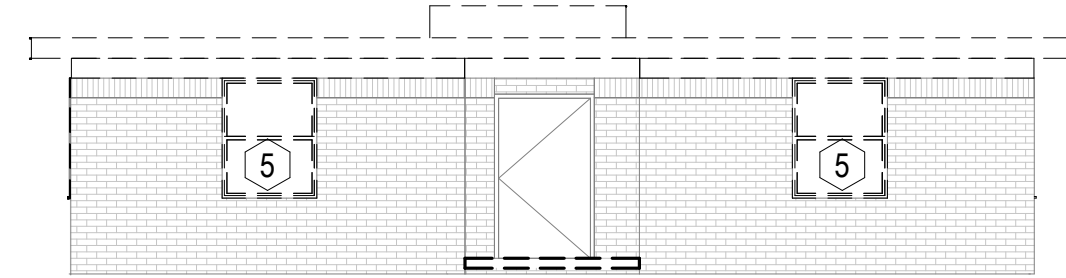




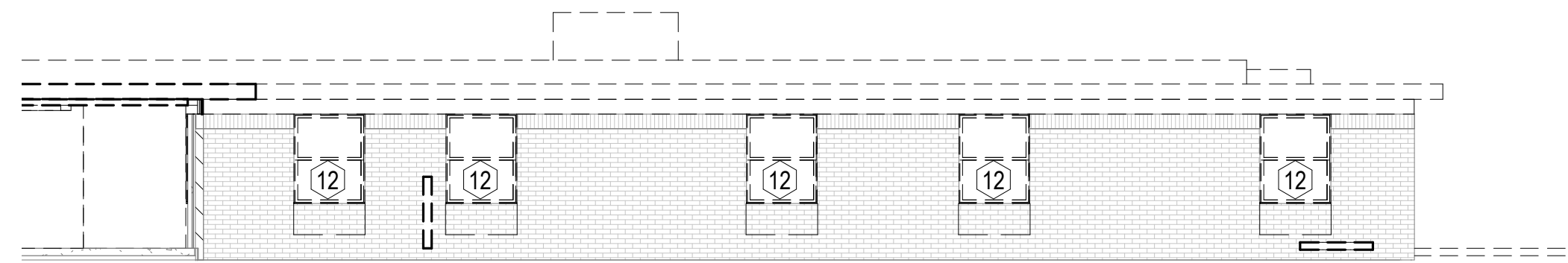
1 DEMO - SOUTH ELEVATION (SOUTH END)  
1/8" = 1'-0"



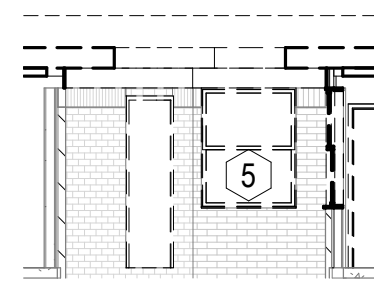
2 DEMO - SOUTHEAST ELEVATION (SOUTH END)  
1/8" = 1'-0"



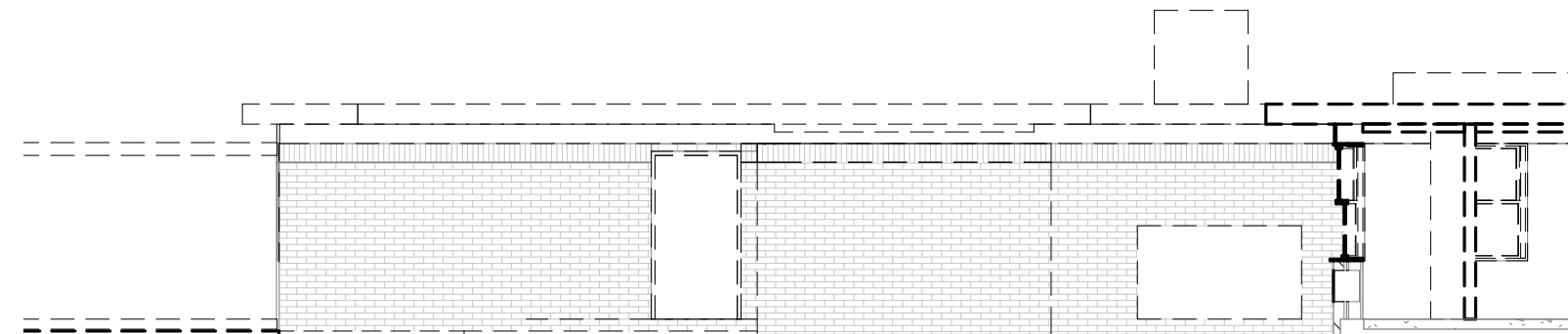
3 DEMO - SOUTHWEST ELEVATION (SOUTHWEST END)  
1/8" = 1'-0"



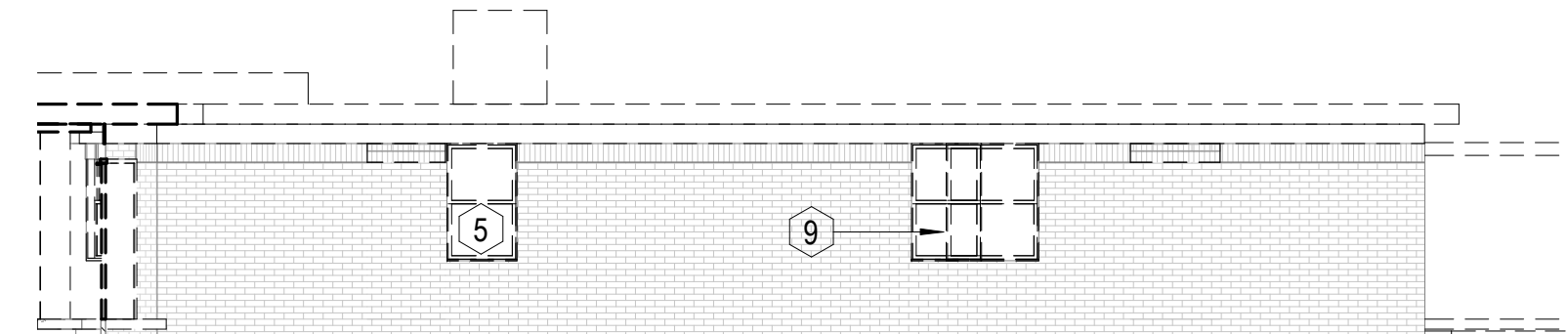
4 DEMO - NORTHWEST ELEVATION (WEST END)  
1/8" = 1'-0"



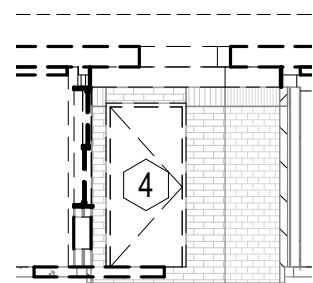
5 DEMO - SOUTHWEST ELEVATION (WEST END)  
1/8" = 1'-0"



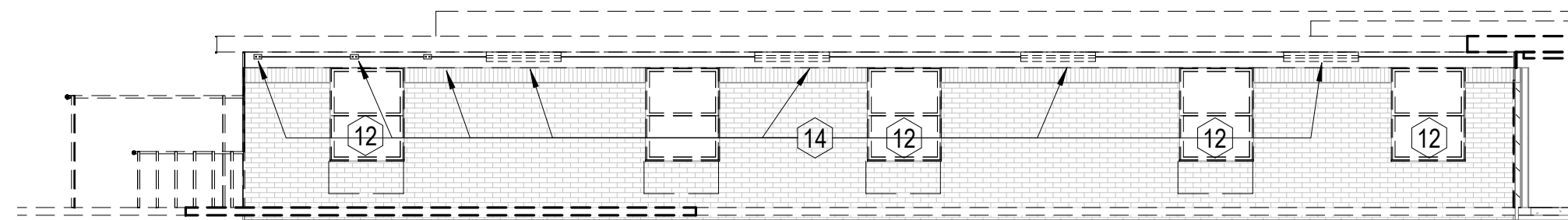
6 DEMO - SOUTH ELEVATION (WEST END)  
1/8" = 1'-0"



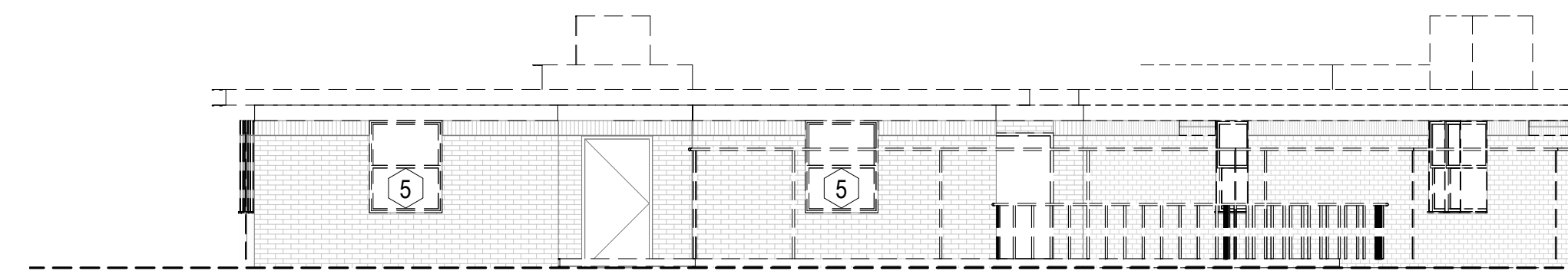
7 DEMO - NORTH ELEVATION (WEST END)  
1/8" = 1'-0"



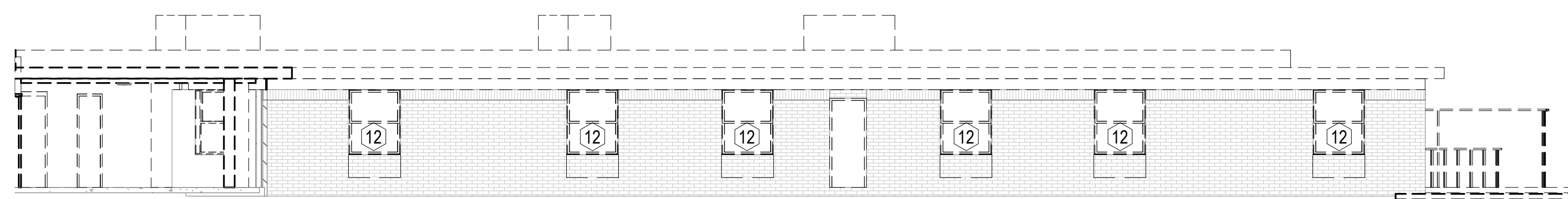
8 DEMO - NORTHWEST ELEVATION  
1/8" = 1'-0"



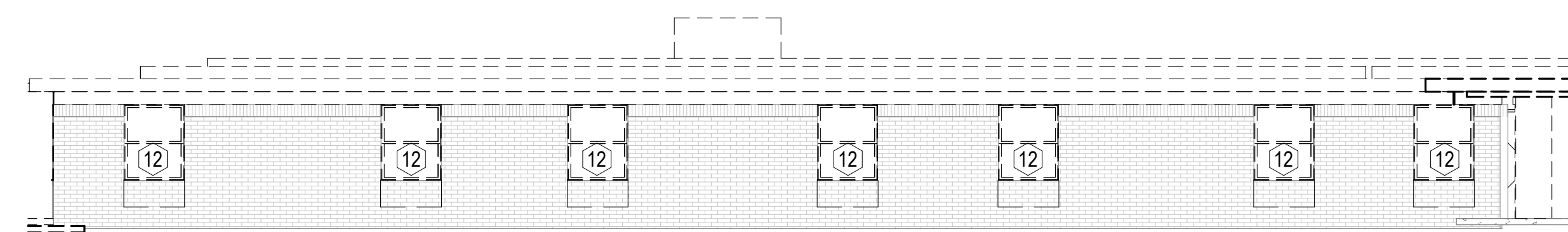
9 DEMO - SOUTHWEST ELEVATION (NORTHWEST END)  
1/8" = 1'-0"



10 DEMO - NORTHWEST ELEVATION (NORTHWEST END)  
1/8" = 1'-0"



11 DEMO - NORTHEAST ELEVATION (NORTHWEST END)  
1/8" = 1'-0"



12 DEMO - WEST ELEVATION (NORTHWEST END)  
1/8" = 1'-0"

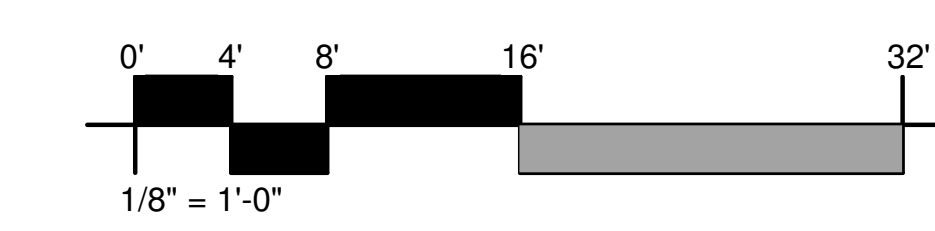
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13	DEMOLISH MILLWORK.
14	DEMOLISH FENCING ENTIRELY.
15	DEMOLISH ALL CEILING LIGHTING, CEILING LAT GRID SYSTEM & ALL HARD CEILINGS IN ENTIRE BUILDING. DEMO OF ALL CEILING FANS IS INCLUDED IN THE DEMO SCOPE.
16	DEMOLISH ALL GUTTERS & DOWNSPOUTS
17	DEMOLISH MECHANICAL UNITS AT GRADE & ON ROOF.
18	DEMOLISH ROOF SYSTEM & ALL ROOF SOFFITS AND ALL CANOPIES. SCOPE INCLUDES DEMO OF ROOFING MEMBRANE, ROOFING INSULATION, ROOF DECKING & ALL ROOF JOIST.
19	DEMOLISH SIDEWALKS.
20	DISCONNECT EXISTING SECURITY CAMERA/ EXTERIOR LIGHTING AND TURN OVER TO OWNER.

Project Lead:	STEWART
Project:	21007
Date:	04.15.2024
Drawn:	KLT
Checked:	TS

Revisions:

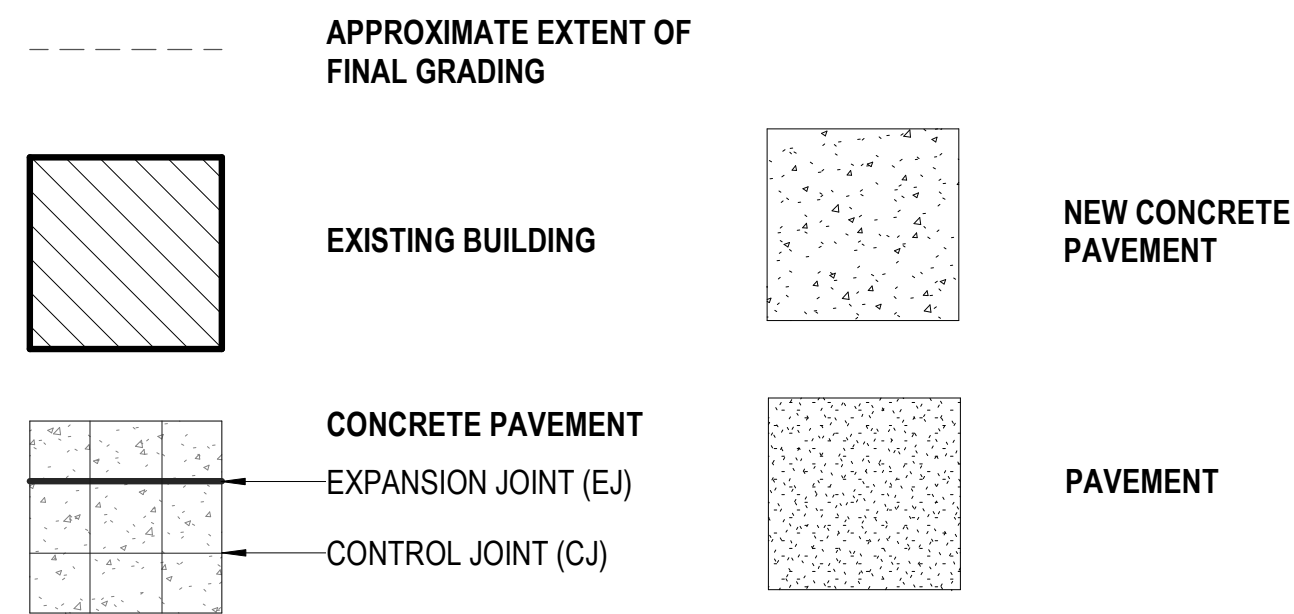
Revisions:	1	2	3

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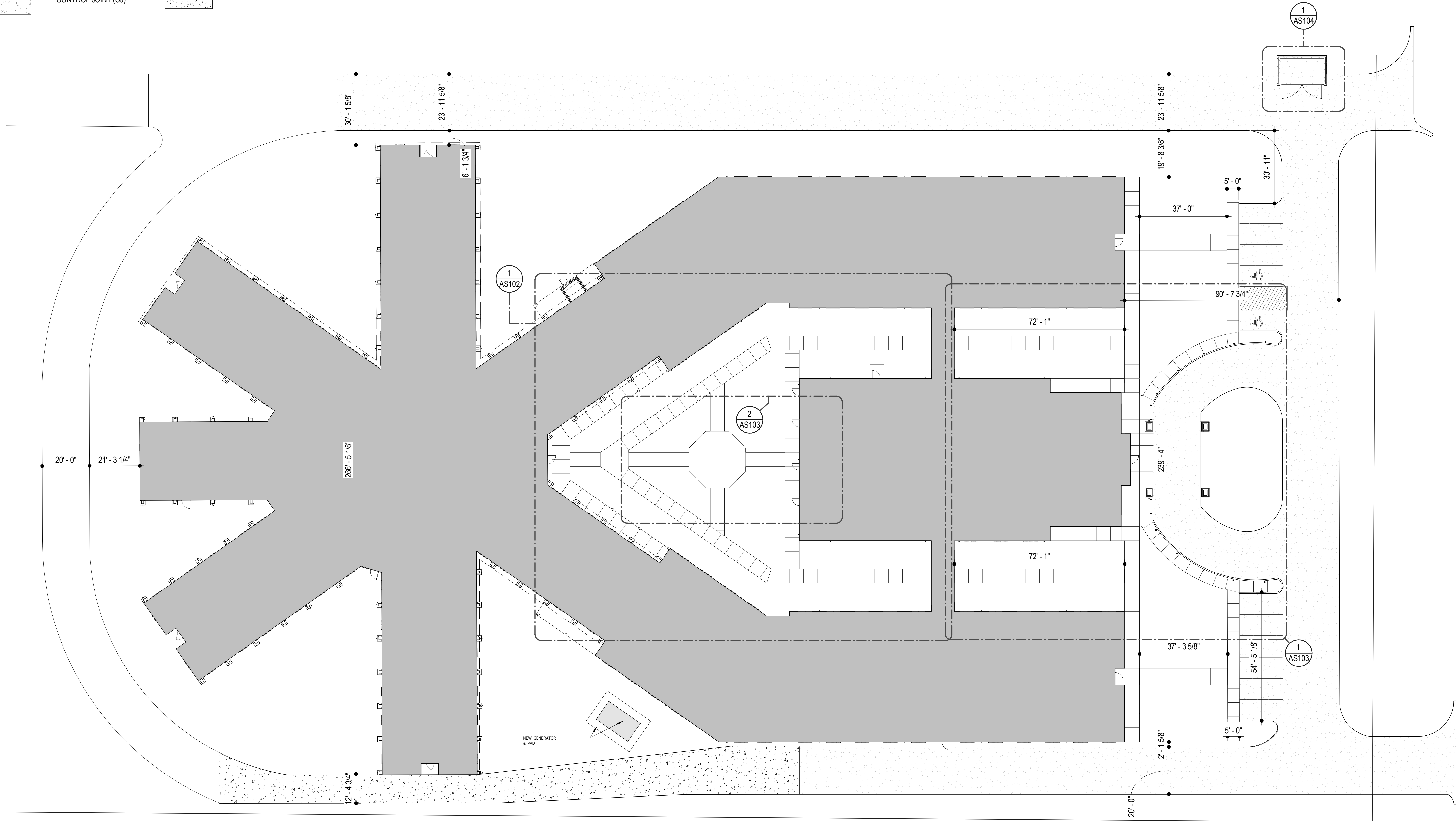


**SITE PLAN LEGEND**

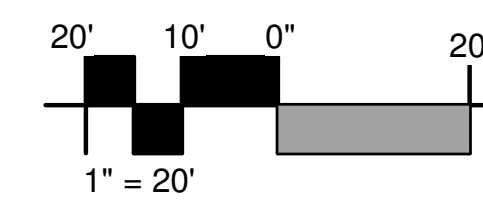


**GENERAL NOTES:**

1. ALL EARTH THAT HAS BEEN DISTURBED DURING CONSTRUCTION SHALL BE SODDED.
2. SOD SHALL BE INSTALLED A MINIMUM OF 5' - 0" BEYOND THE EXTENT OF FINAL GRADING.



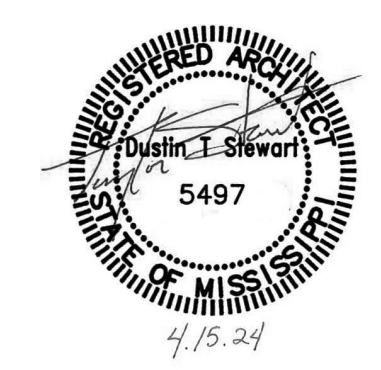
**1 SITE PLAN**  
A201 1" = 20'-0"



Revisions:	Project Lead:	Project:	Date:	Drawn:	Checked:
1	STEWART	21007	04.15.2024	TS, KLT	TS
2					
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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR., BROOKHAVEN, MS 39601



SITE PLAN

**AS101**

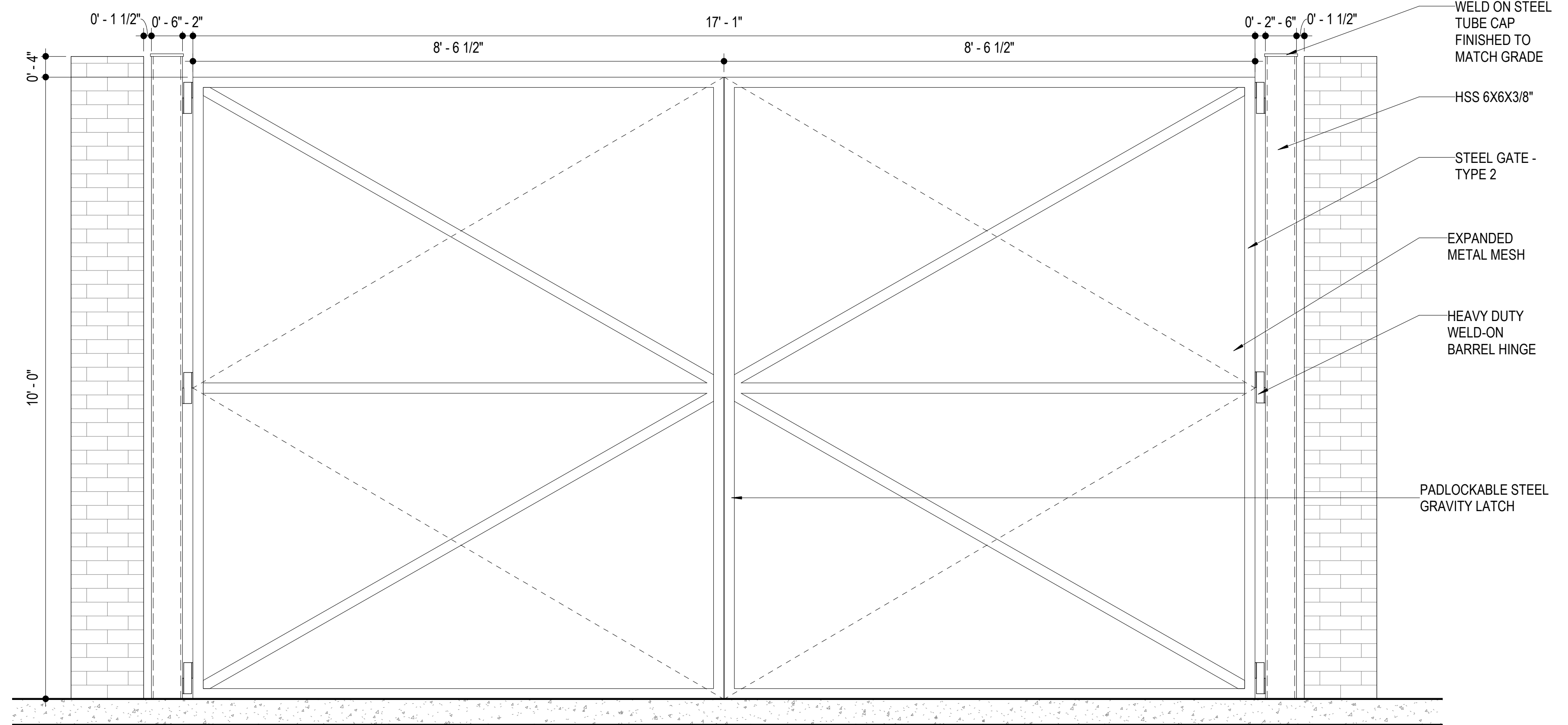
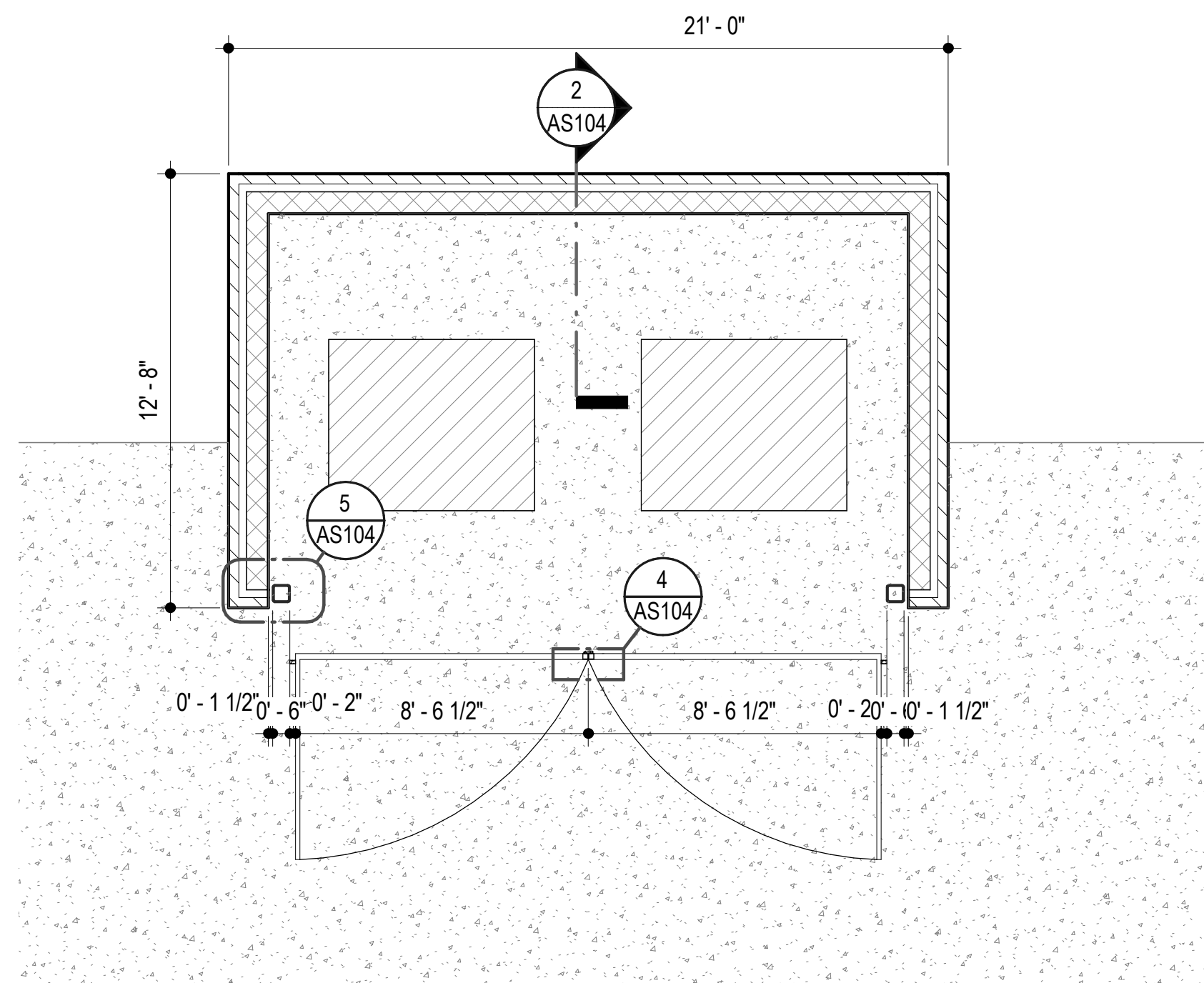






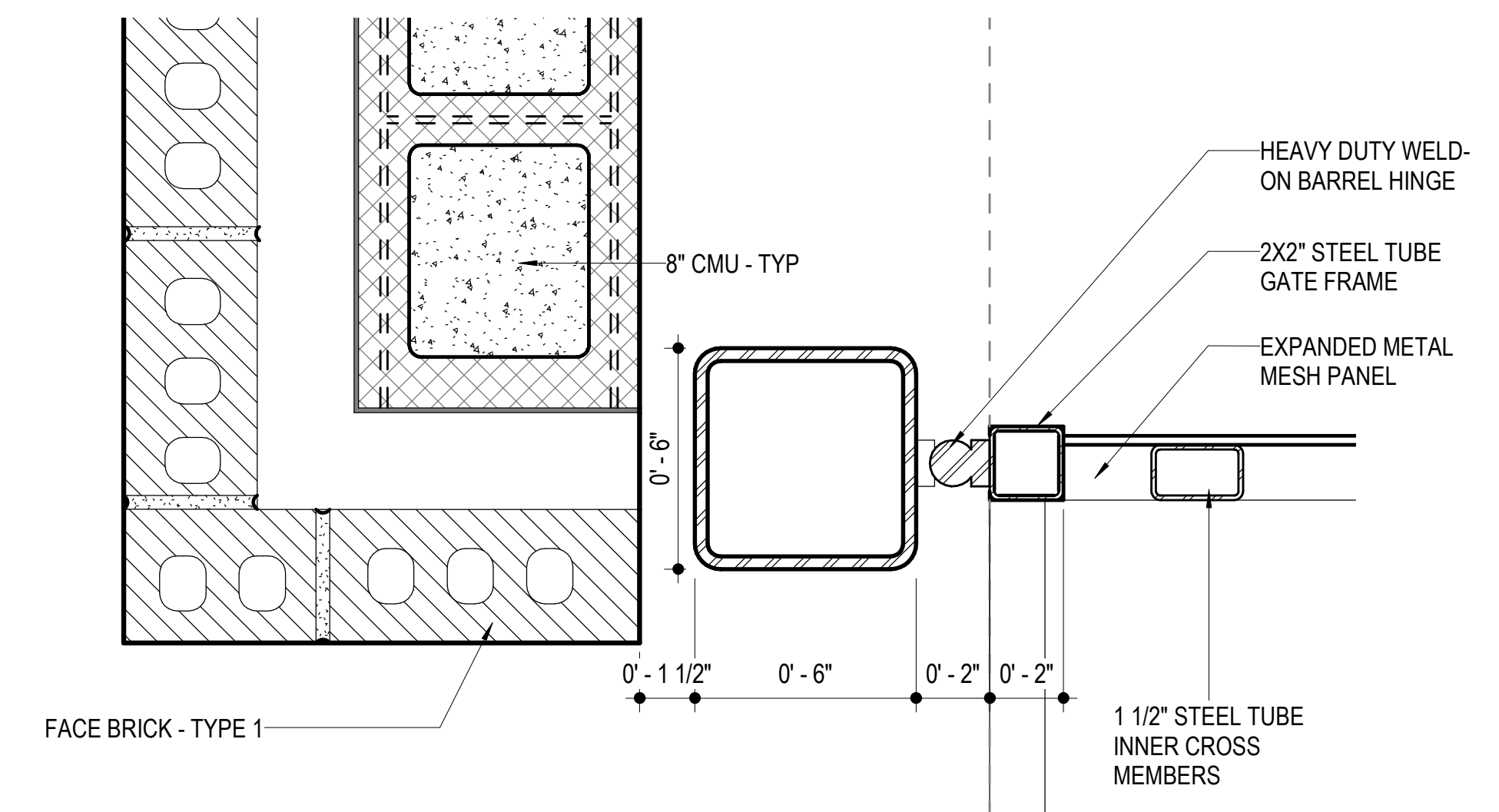
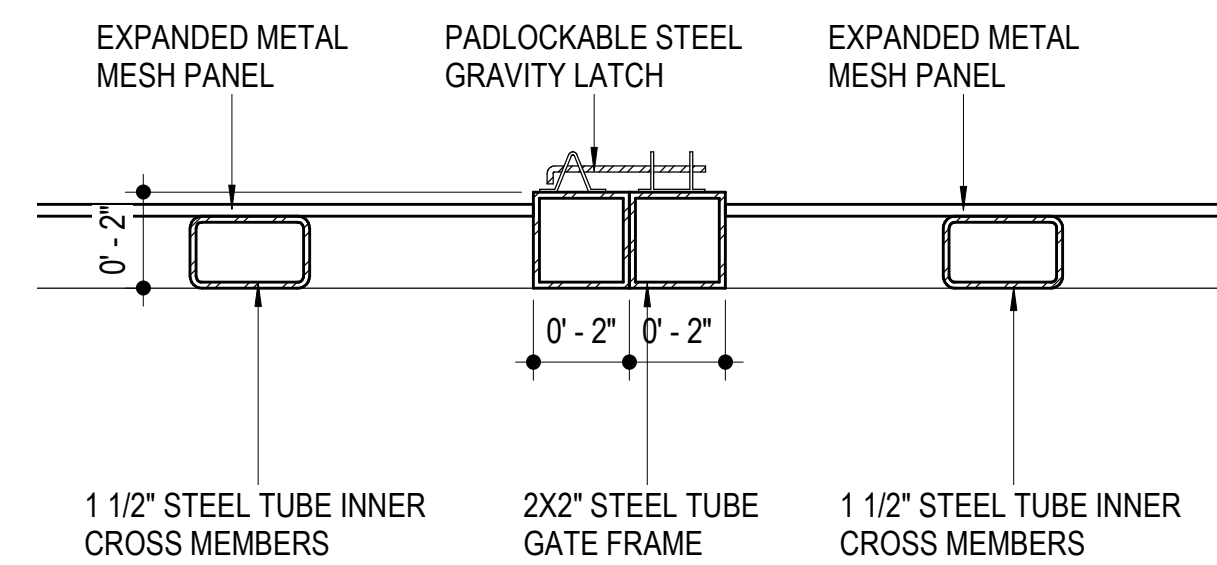
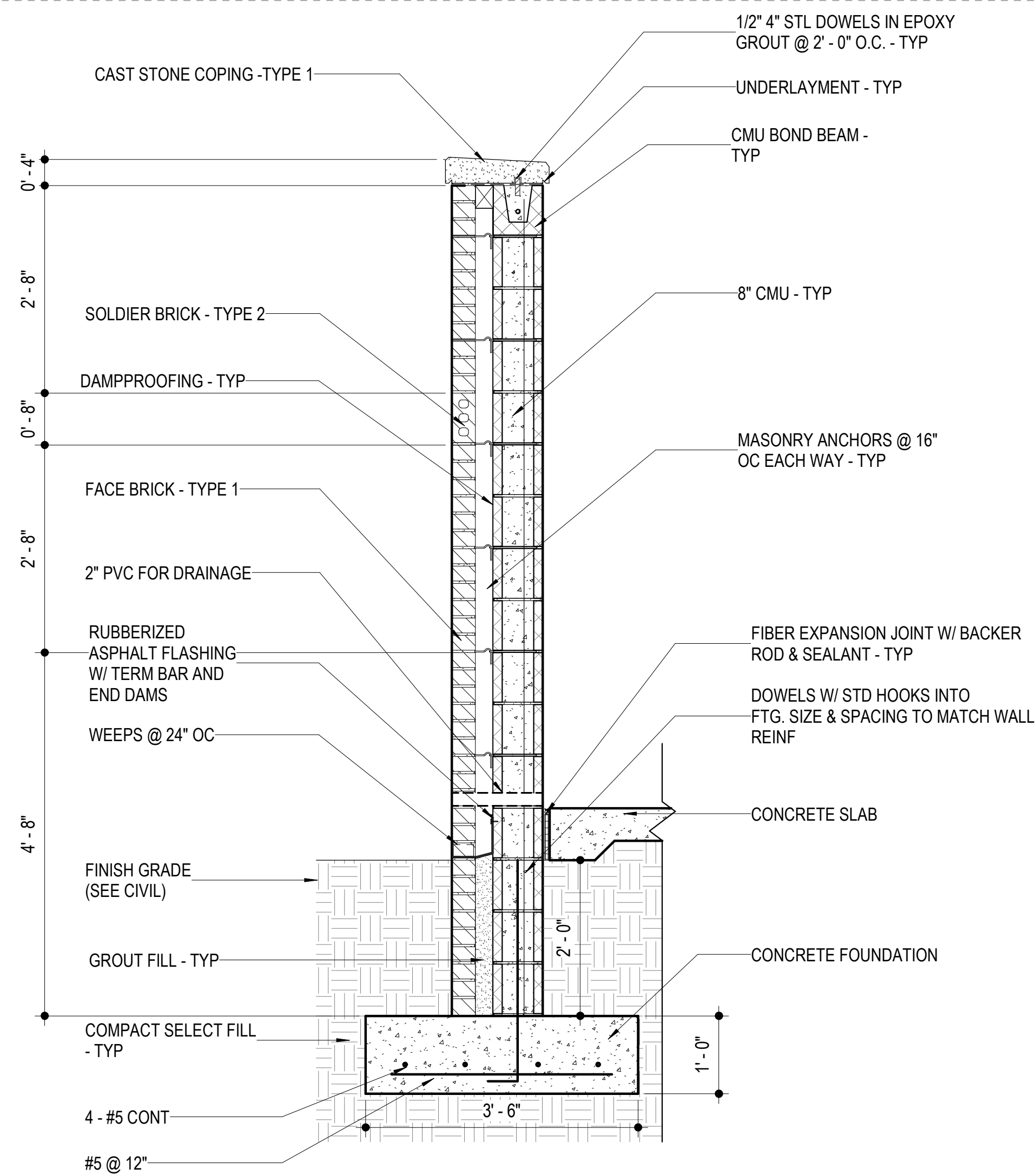






**1 DUMPSTER ENCLOSURE**  
AS101 1/4" = 1'-0"

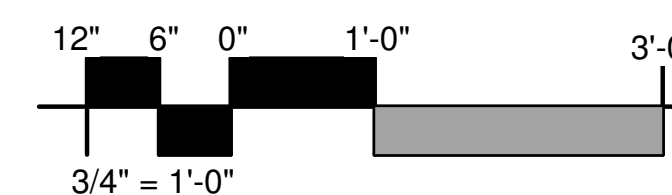
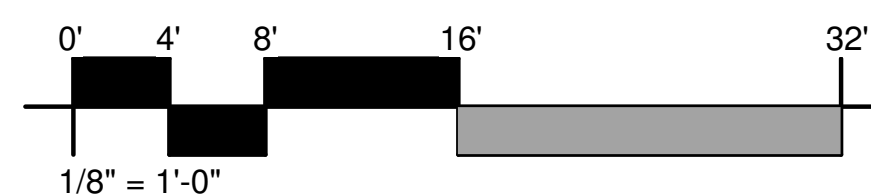
**3 DUMPSTER ENCLOSURE ELEVATION**  
A101 3/4" = 1'-0"



**2 DUMPSTER ENCLOSURE WALL SECTION**  
AS104 3/4" = 1'-0"

**4 MAINTENANCE JAMB DETAIL**  
AS104 3" = 1'-0"

**5 MAINTENANCE JAMB DETAIL**  
AS104 3" = 1'-0"

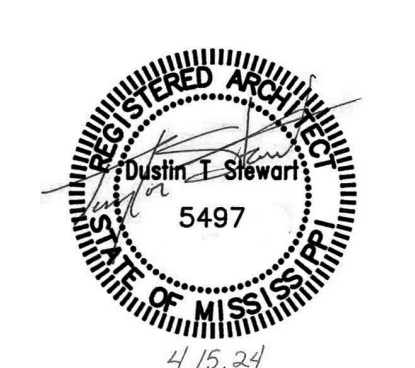


Project Lead:	STEWART
Project:	21007
Date:	04.15.2024
Drawn:	TS, KLT
Checked:	TS

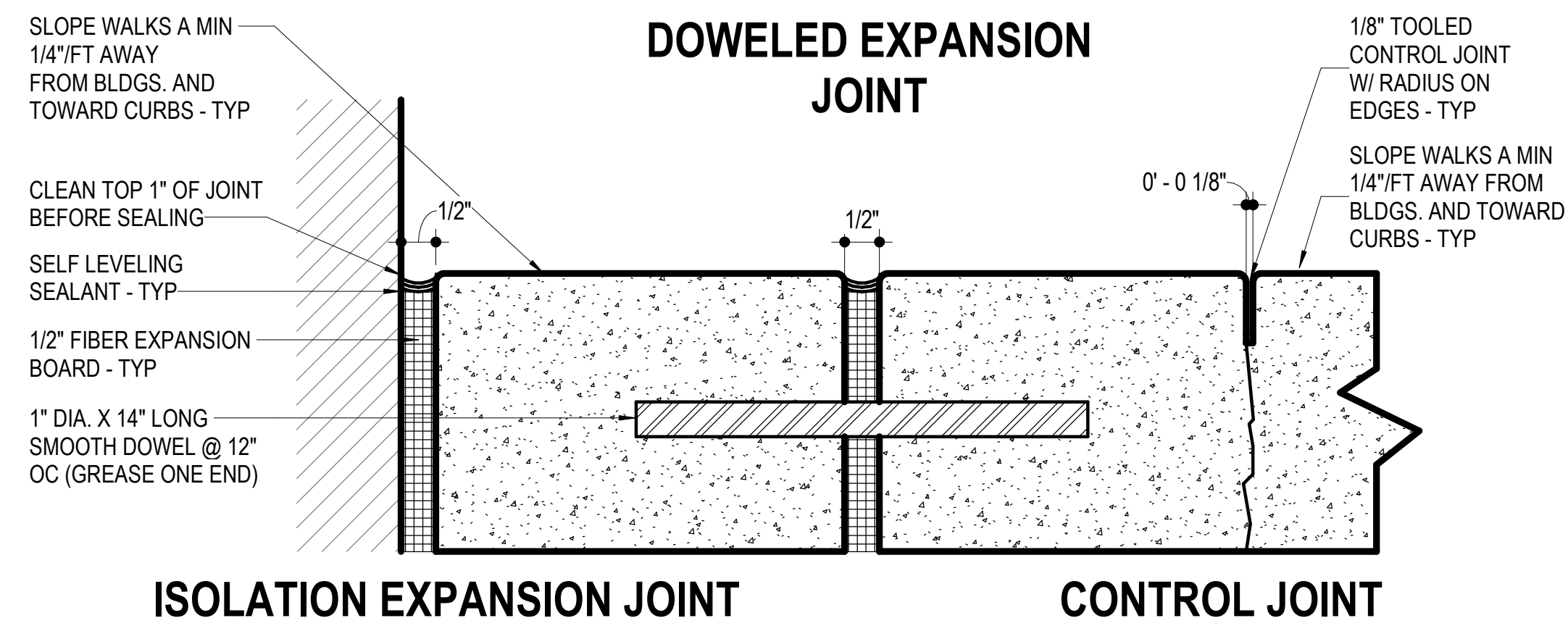
Revisions:

Rev.	Description
1	
2	
3	

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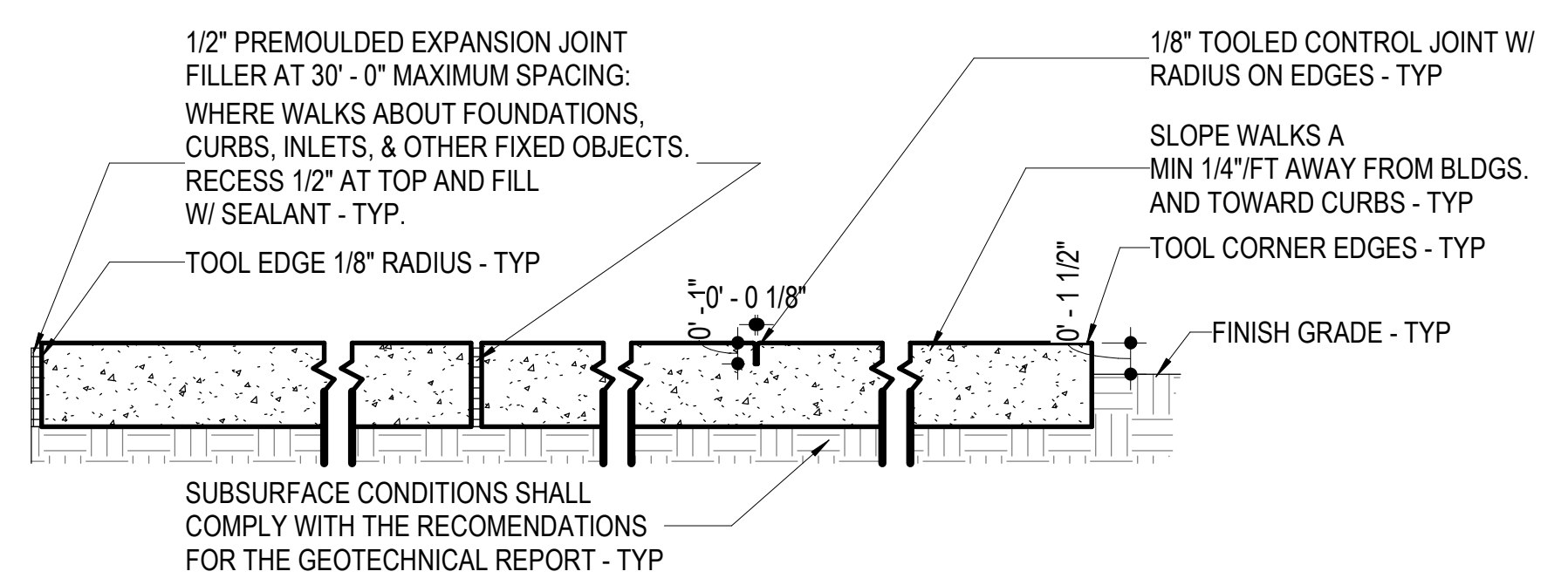






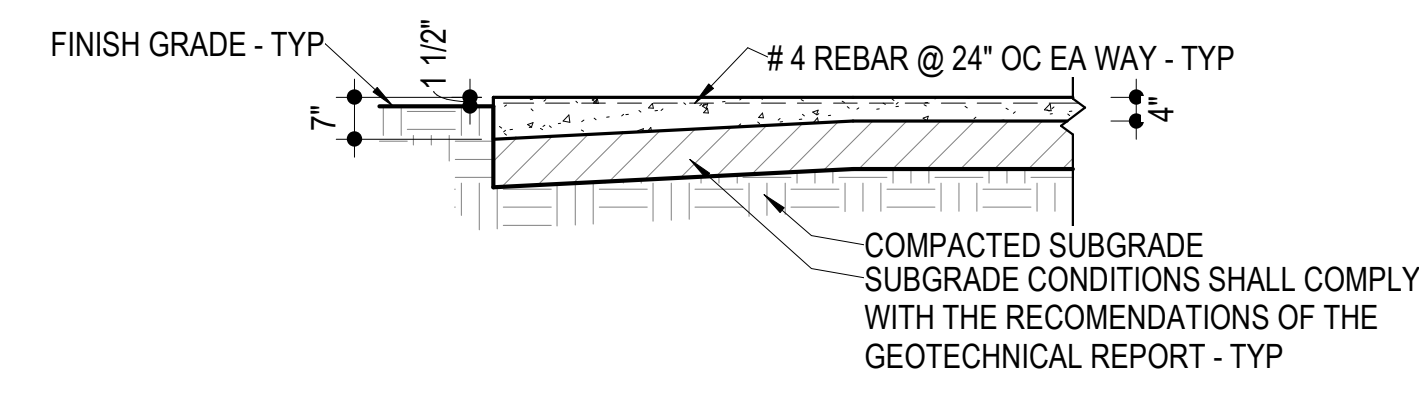
**NOTE:**  
 1. CONTROL JOINTS REQUIRED AT MAX 6'-0" OC; EXPANSION JOINTS REQUIRED AT MAX 30'-0" OC UNLESS.  
 2. SUBSURFACE CONDITIONS SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.

**1 TYP SIDEWALK JOINT DETAIL**  
 6" = 1'-0"

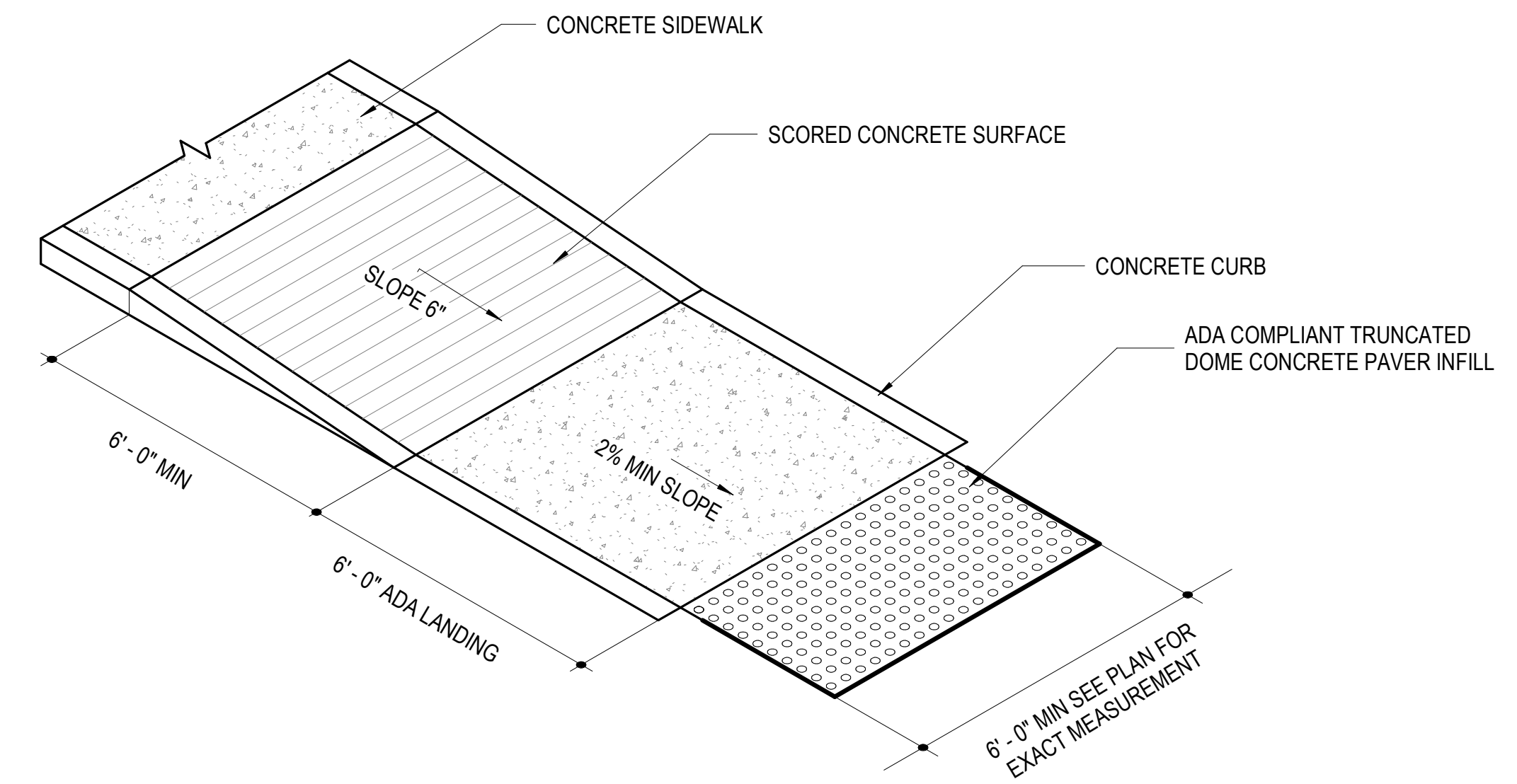


**NOTE:**  
 1. CONCRETE SIDEWALK SHALL BE REINFORCED WITH #4 REBAR @ 24" OC BOTH WAYS

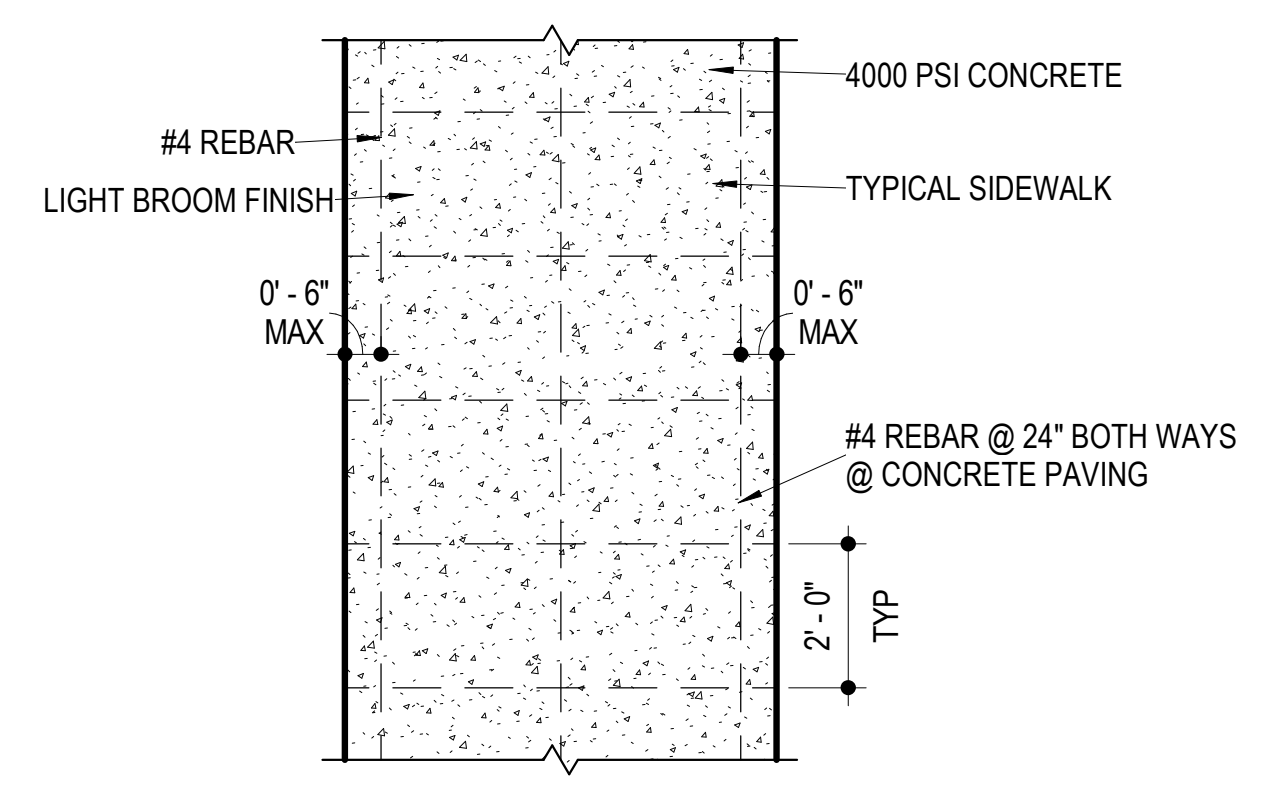
**2 TYP SIDEWALK JOINT DIAGRAM**  
 1 1/2" = 1'-0"



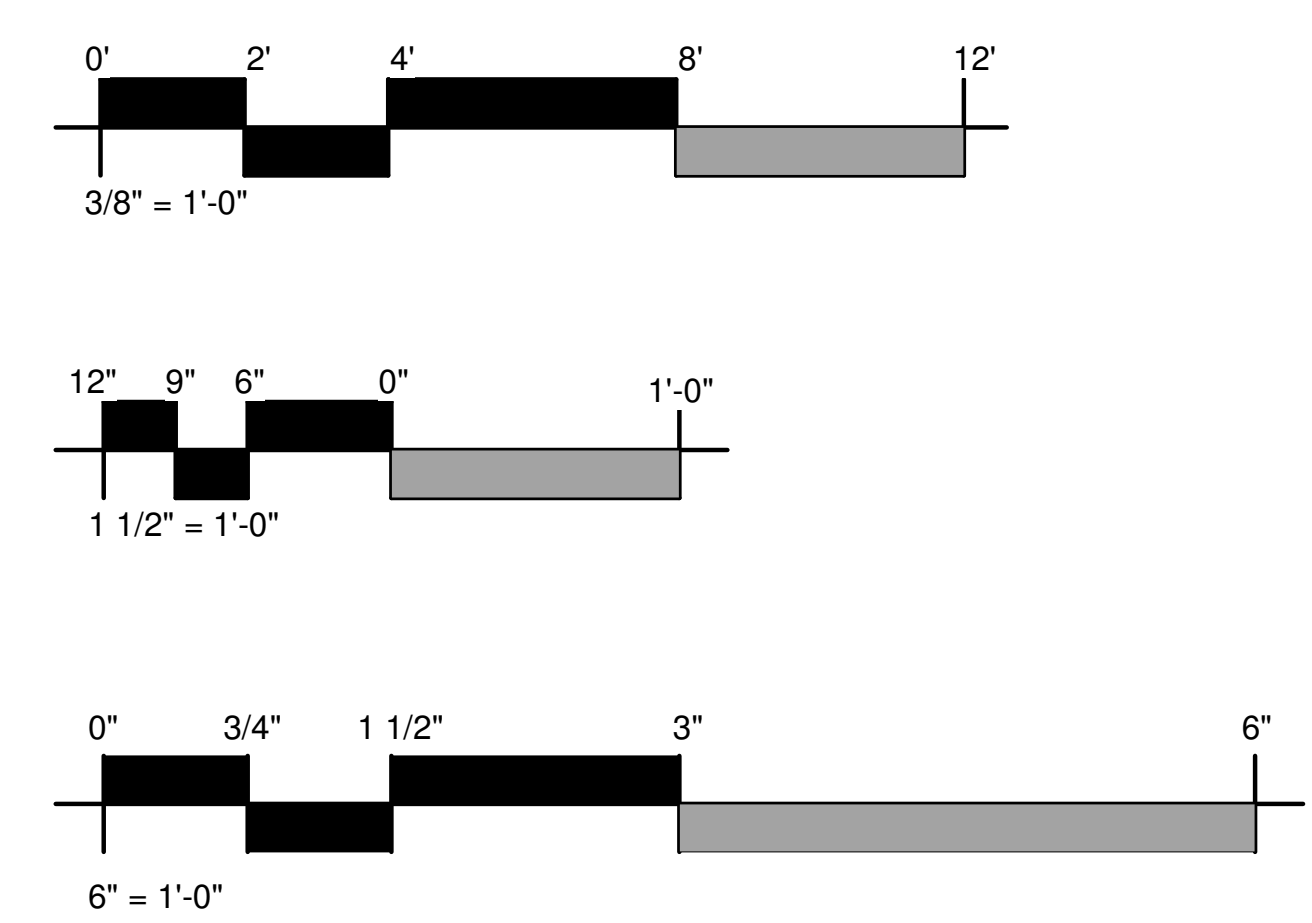
**3 TYP SIDEWALK EDGE DETAIL**  
 3/8" = 1'-0"



**4 HC RAMP ISO DETAIL**  
 3/8" = 1'-0"



**5 TYP SIDEWALK REINFORCING**  
 3/8" = 1'-0"



Revisions:

1	STEWART	
2	21007	
3	04.15.2024	

Project Lead: STEWART  
 Project: 21007  
 Date: 04.15.2024  
 Drawn: TS, KLT  
 Checked: TS

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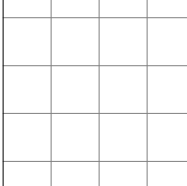
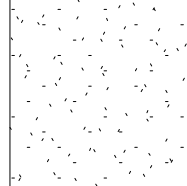
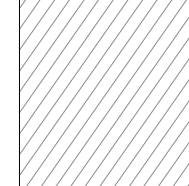
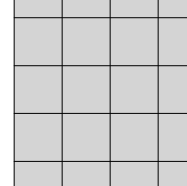



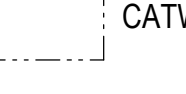
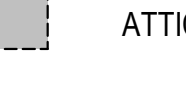


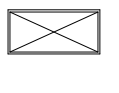
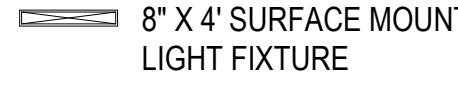
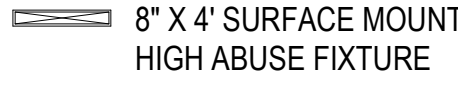
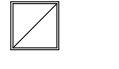


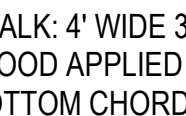

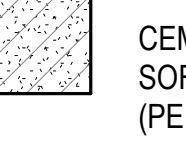


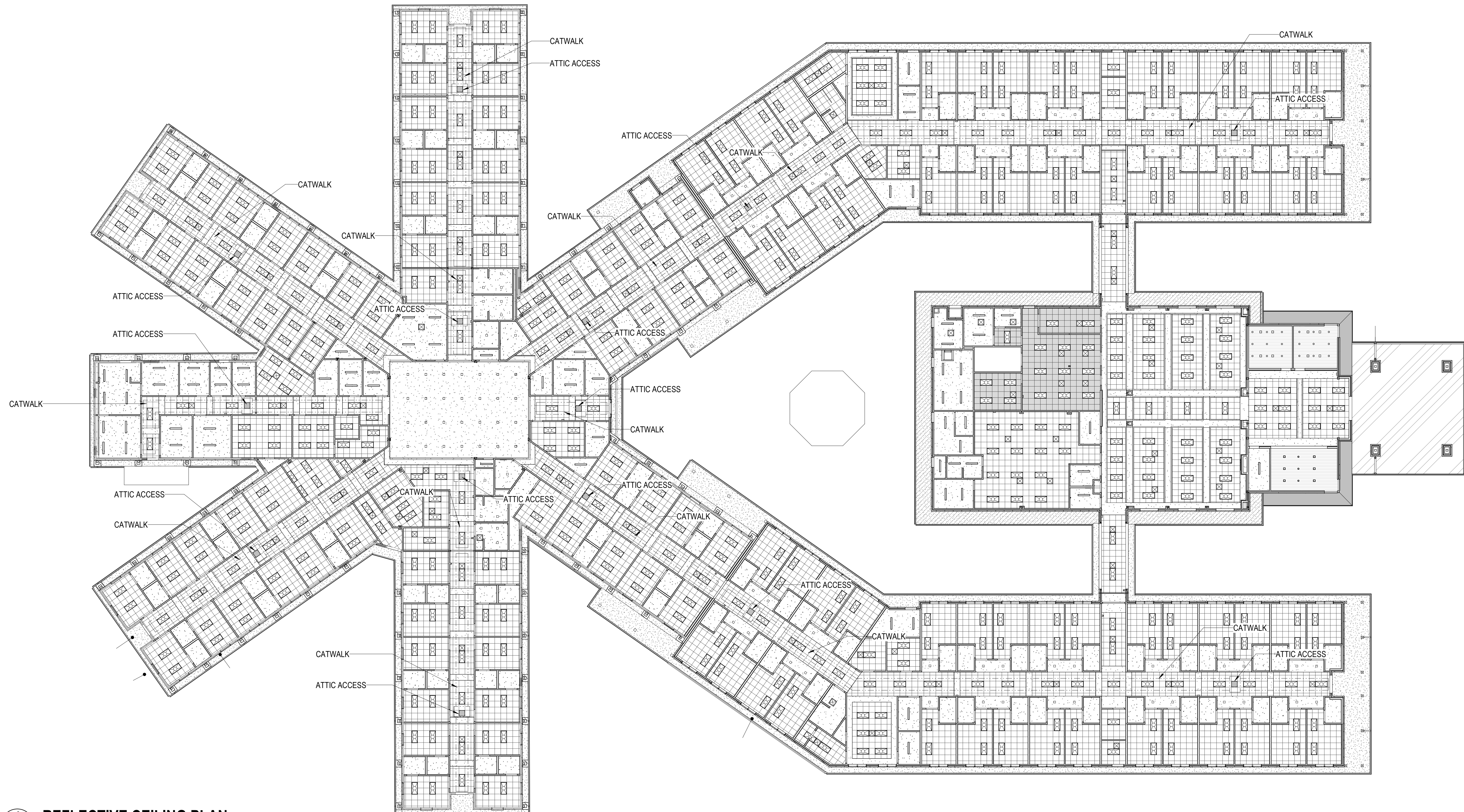




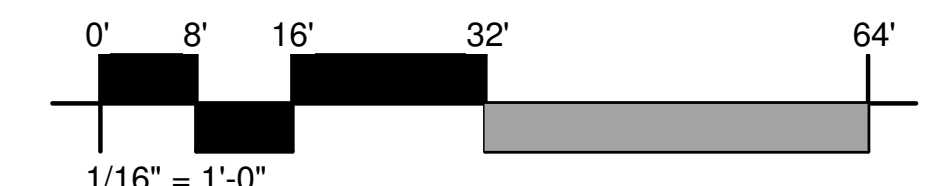
# REFLECTED CEILING PLAN LEGEND

**MATERIALS / SYMBOLS:**

 TYPE 1 TYPICAL LAT CEILING W/ 5/8" GYP BD SUBCEILING	 TYPE 2 TYPICAL GYP BD CEILING	 TYPE 3 WOOD VENEER LINEAR PLANK CEILING	 TYPE 4 KITCHEN ZONE LAT CEILING W/ 5/8" GYP BD SUBCEILING	 6" RECESSED LIGHT FIXTURE	 ARCHITECTURAL LIGHT FIXTURE	 PENDANT FIXTURE	 CATWALK	 ATTIC ACCESS	 METAL SOFFIT - TYPE 1 (UNPERFORATED)	 CEMENTITIOUS SOFFIT - TYPE 1 (UNPERFORATED)
 2'X4" RECESSED LIGHT FIXTURE	 8" X 4" SURFACE MOUNT LIGHT FIXTURE	 8" X 4" SURFACE MOUNT HIGH ABUSE FIXTURE		 RETURN AIR	 SUPPLY AIR (SECURITY)	 SUPPLY AIR	 CATWALK: 4' WIDE 3/4" PLYWOOD APPLIED TO TOP OF BOTTOM CHORD OF TRUSS	 METAL SOFFIT - TYPE 2 (PERFORATED)	 CEMENTITIOUS SOFFIT - TYPE 2 (PERFORATED)	



**1 REFLECTIVE CEILING PLAN**  
1/16" = 1'-0"



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Revisions:

1	STEWART	21007	JAK	TS
2				
3		04.15.2024		

Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
Drawn: JAK  
Checked: TS

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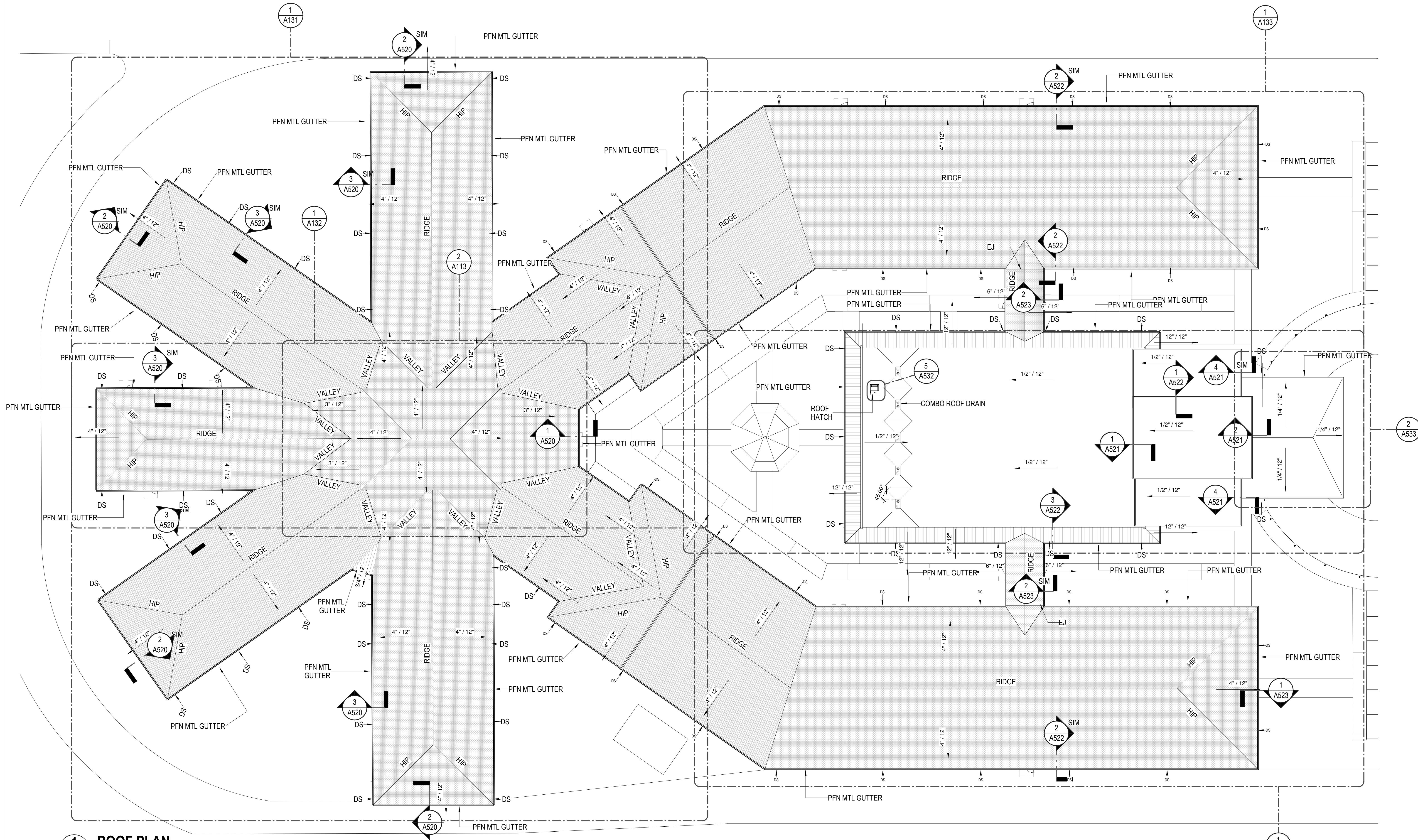
**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
525 BROOKMAN DR.,  
BROOKHAVEN, MS 39601



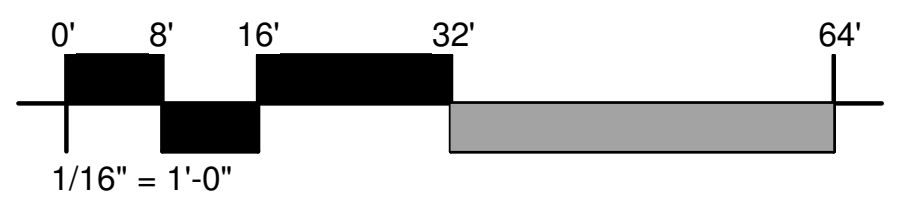
**OVERALL REFLECTED CEILING PLAN**

**A102**





**1 ROOF PLAN**  
A611 1/16" = 1'-0"



Revisions:

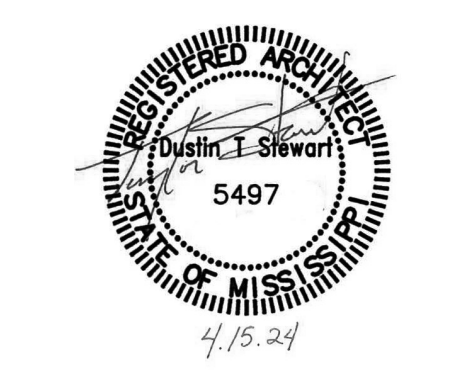
1	STEWART	21007	JAK	TS
2		04.15.2024		
3				

Project Lead: STEWART  
Project: 21007  
Date: 04.15.2024  
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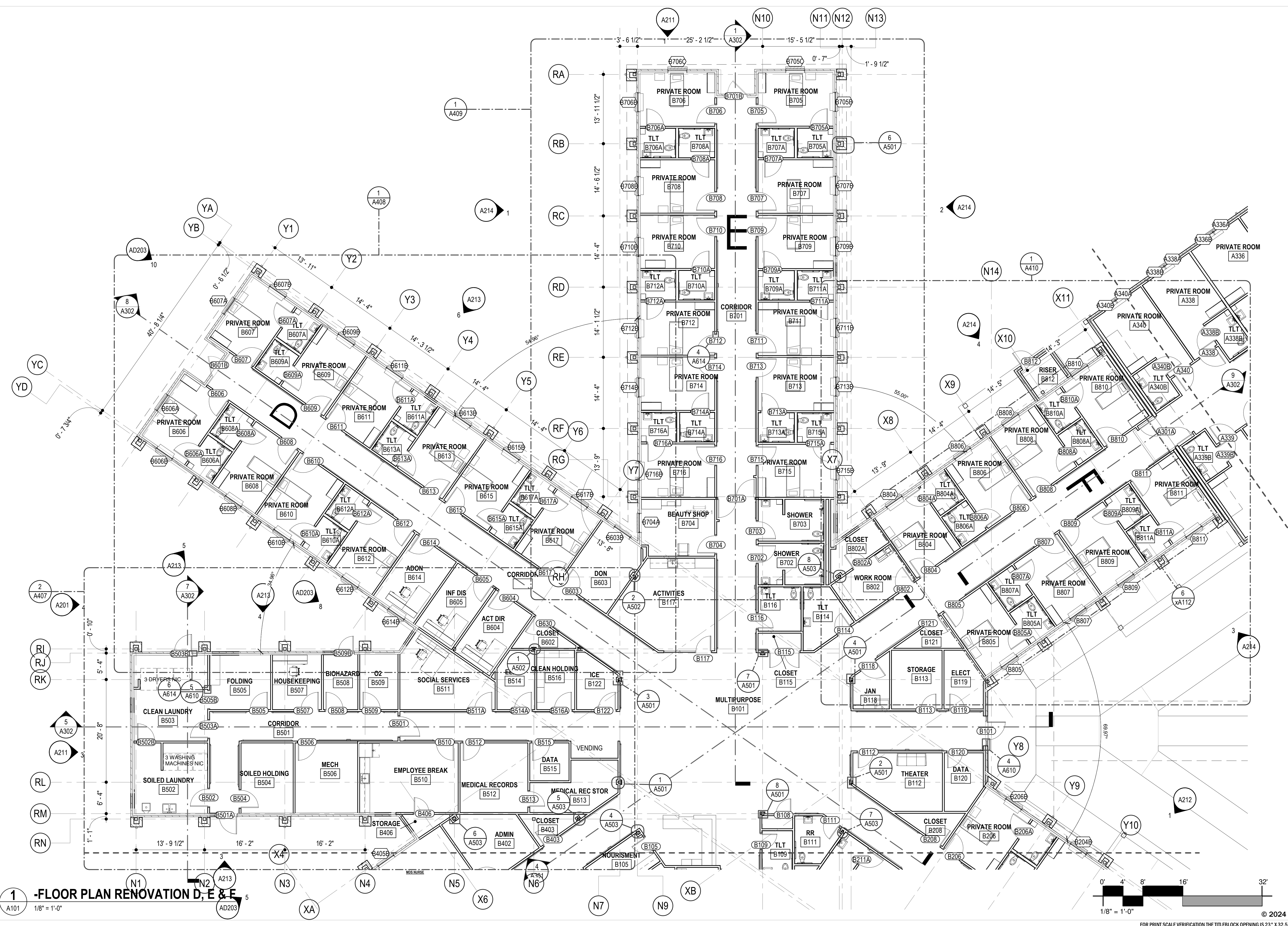
**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**

525 BROOKMAN DR.,  
BROOKHAVEN, MS 39601



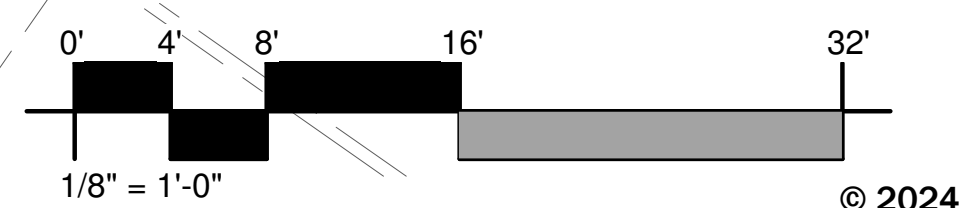
OVERALL ROOF PLAN





**1 - FLOOR PLAN RENOVATION D, E & F**

1/8" = 1'-0"



Revisions:

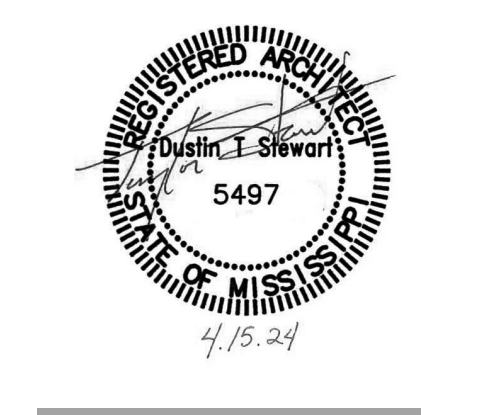
1	STEWART	21007	JAK	TS
2	21007	04.15.2024	JAK	TS
3	04.15.2024		JAK	TS

Project Lead: STEWART  
 Project: 21007  
 Date: 04.15.2024  
 Drawn: JAK  
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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**

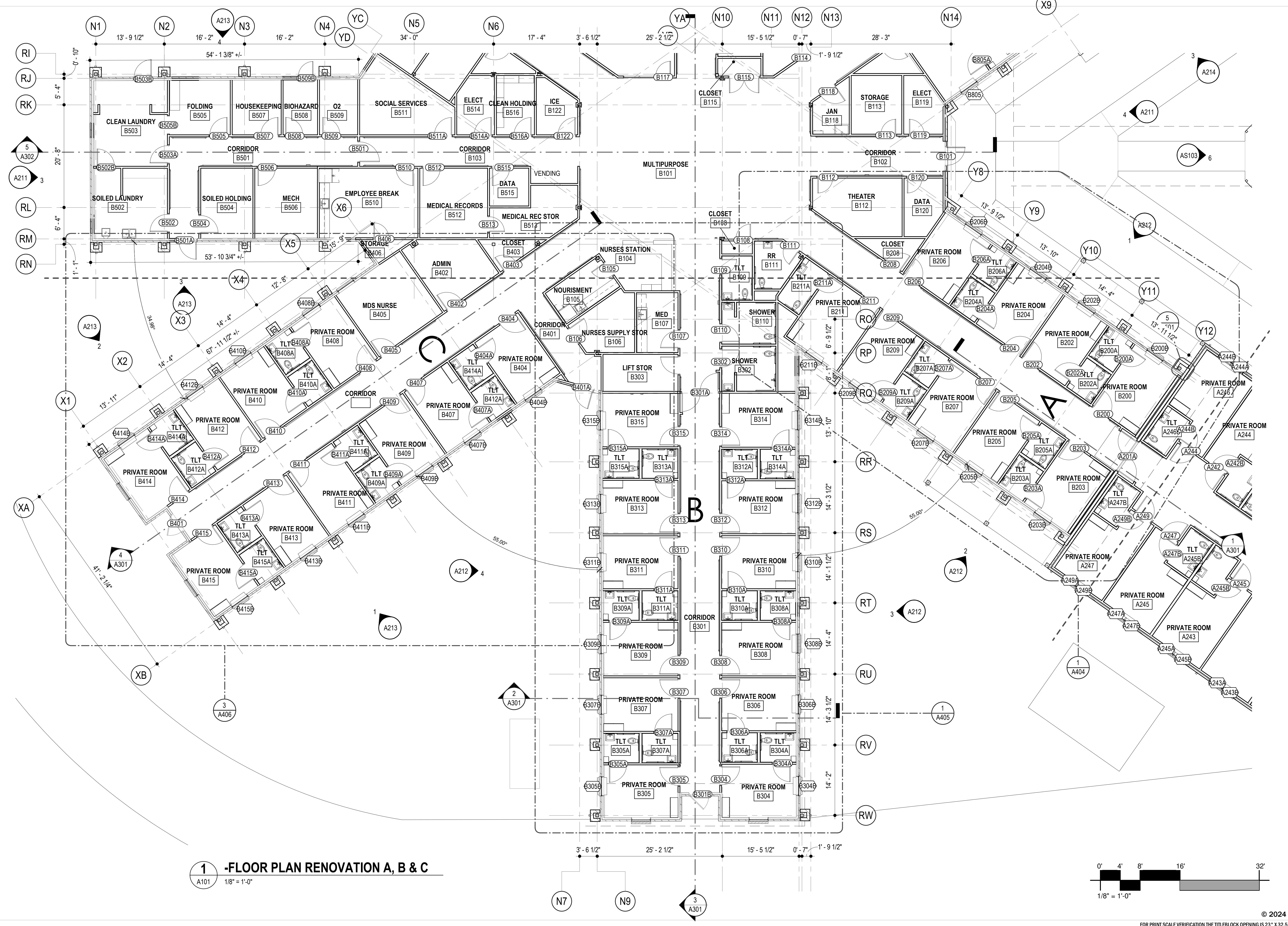
525 BROOKMAN DR.,  
 BROOKHAVEN, MS 39601



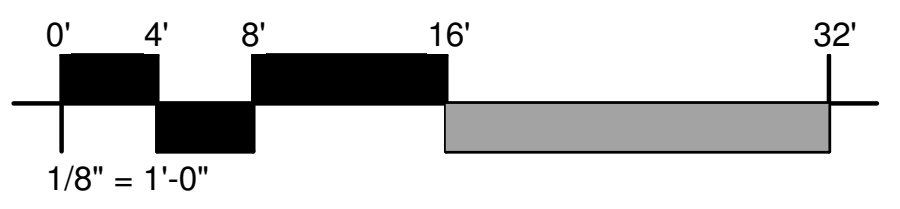
FLOOR PLAN  
 RENOVATION D,  
 E & F

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**1 -FLOOR PLAN RENOVATION A, B & C**  
 A101 1/8" = 1'-0"



Revisions:

1	STEWART
2	21007
3	04.15.2024

Project Lead: STEWART  
 Project: 21007  
 Date: 04.15.2024  
 Drawn: JAK  
 Checked: TS

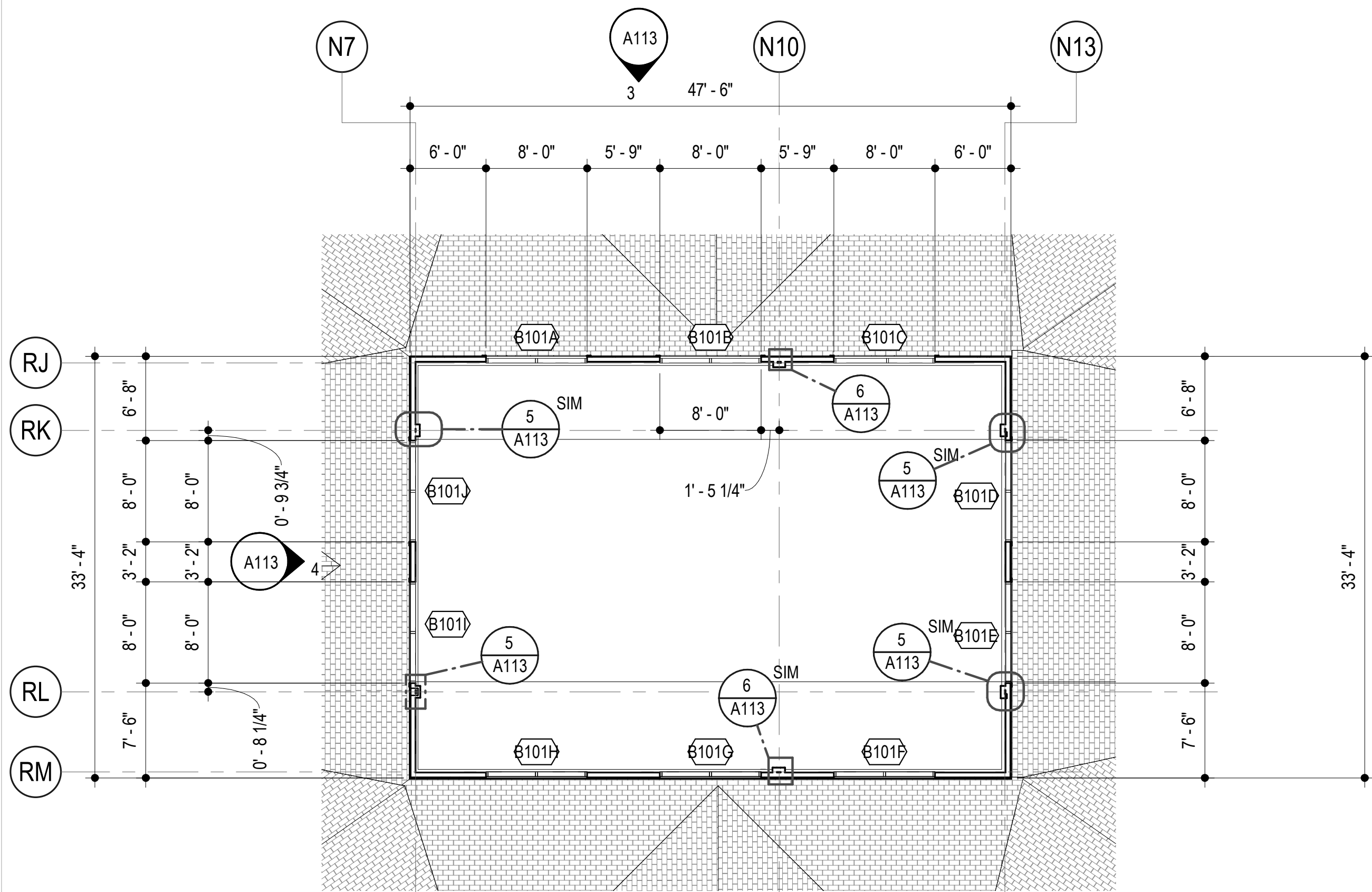
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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**  
 525 BROOKMAN DR., BROOKHAVEN, MS 39601



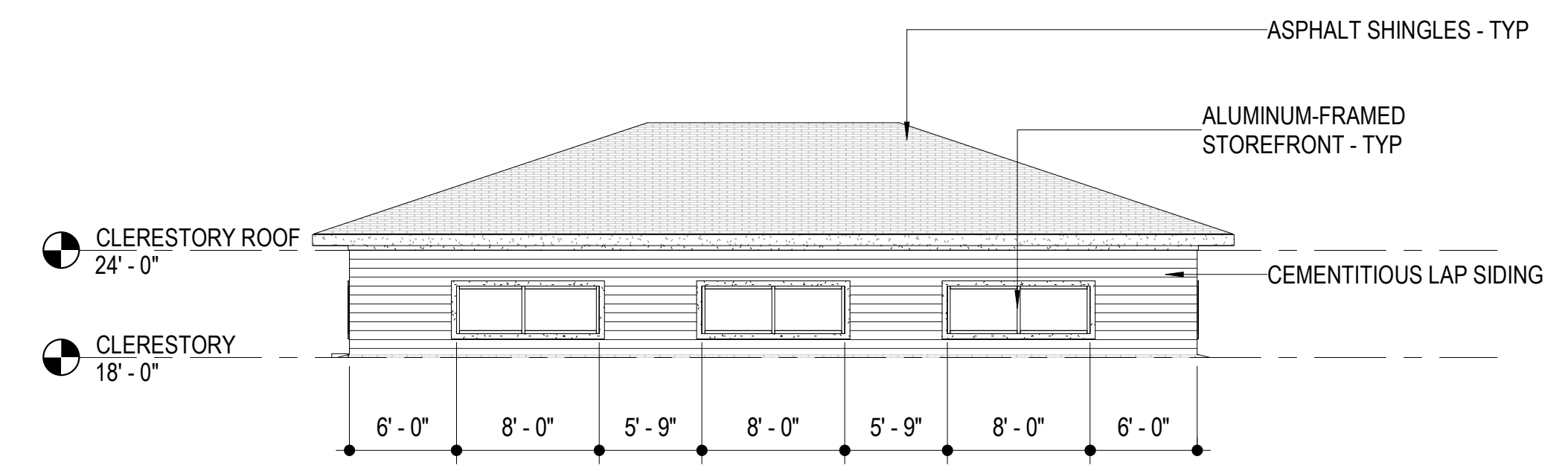
FLOOR PLAN  
 RENOVATION A,  
 B & C



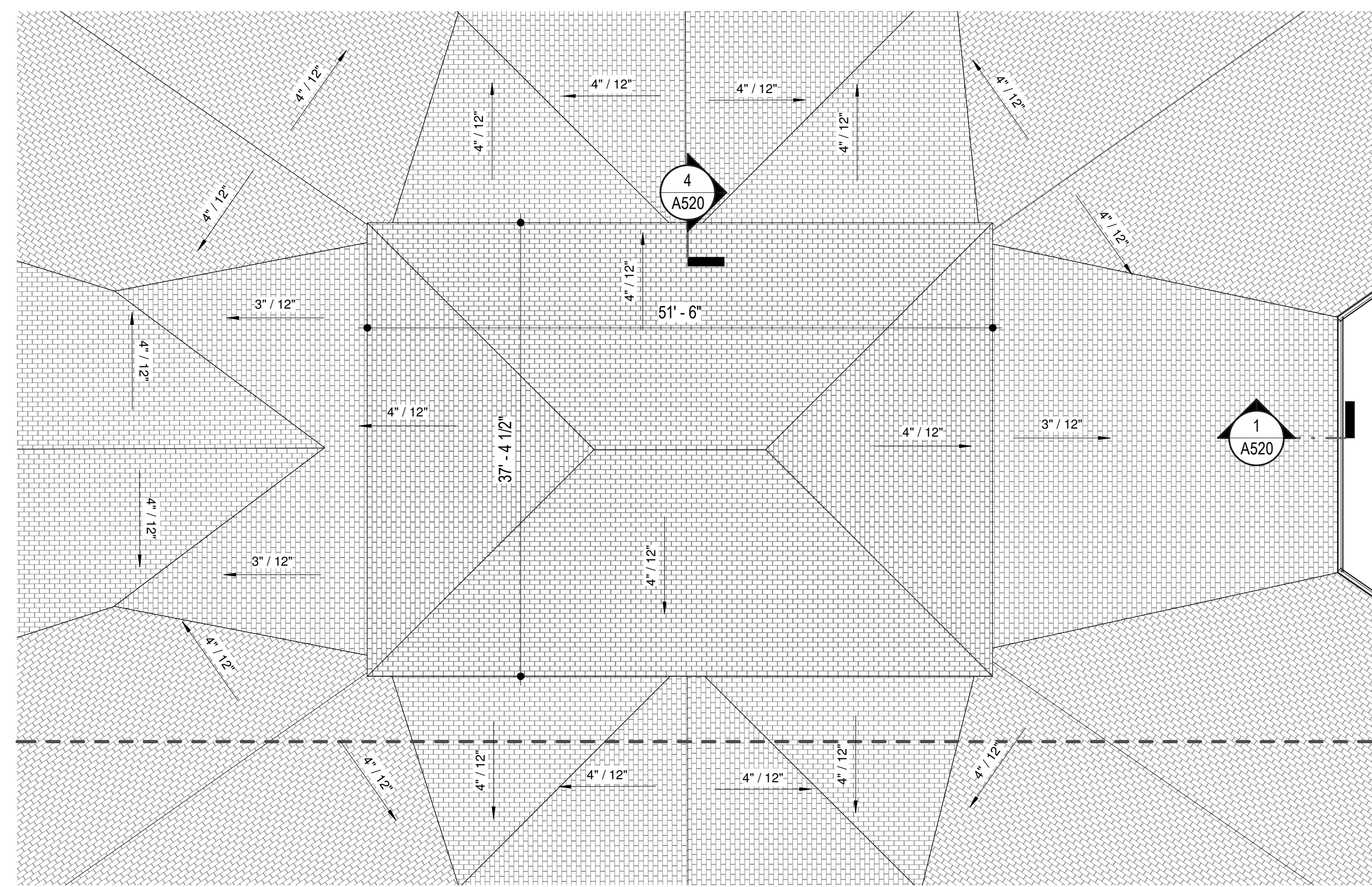
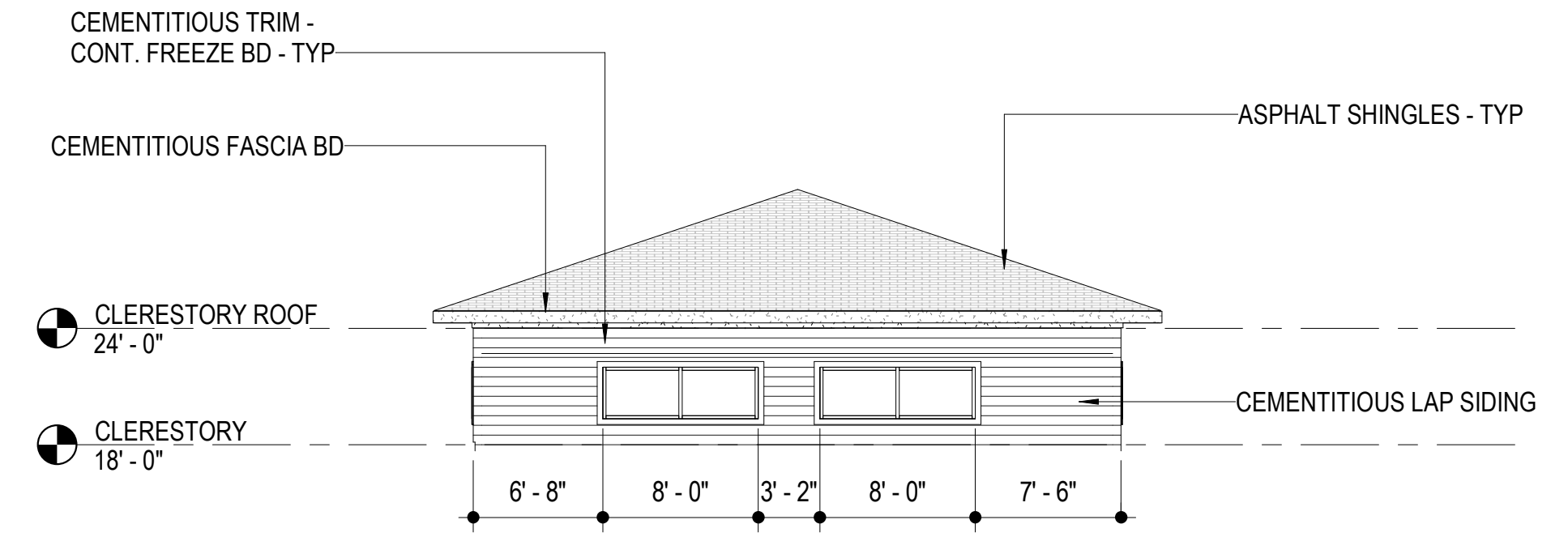


**1 CLERESTORY**  
A113 1/8" = 1'-0"

**3 EXTERIOR ELEVATION - CLERESTORY - NORTH/SOUTH**  
A113 1/8" = 1'-0"

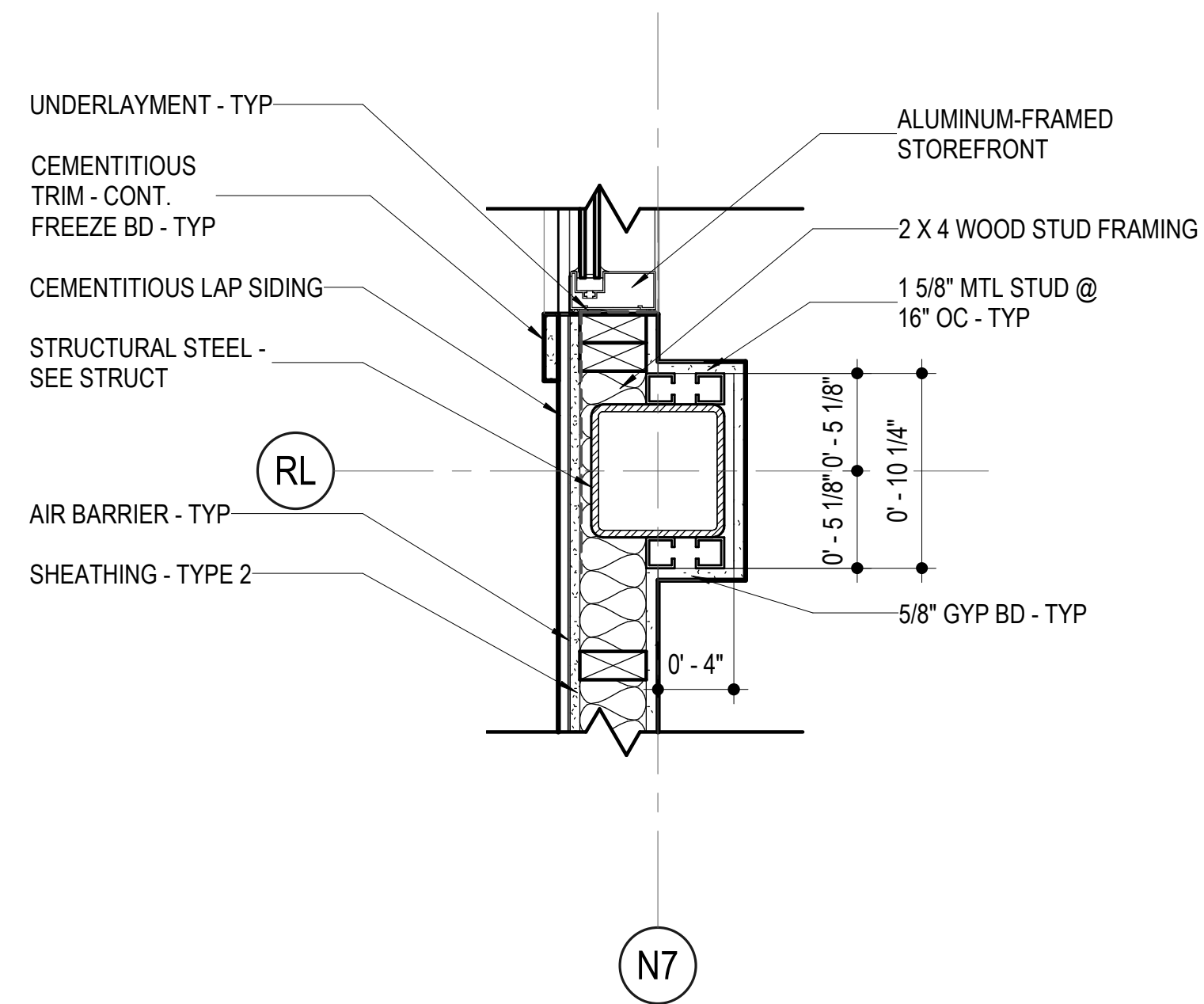


**4 EXTERIOR ELEVATION - CLERESTORY - EAST/WEST**  
A113 1/8" = 1'-0"

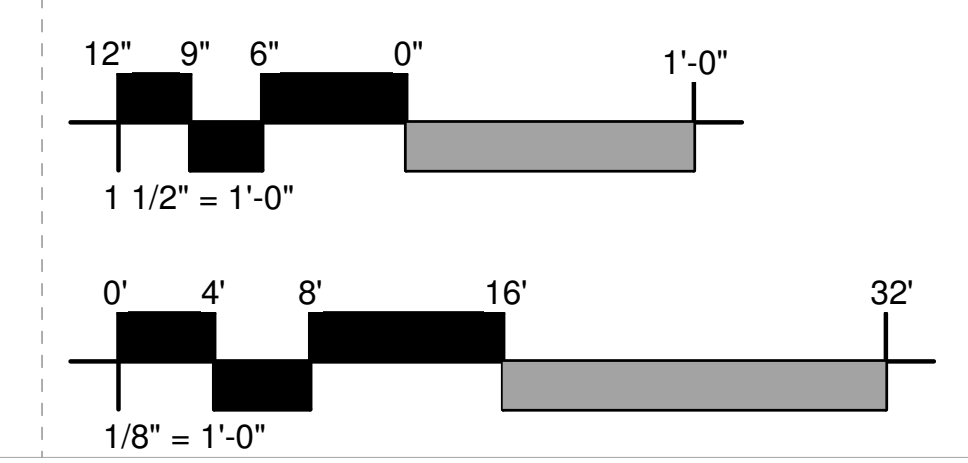
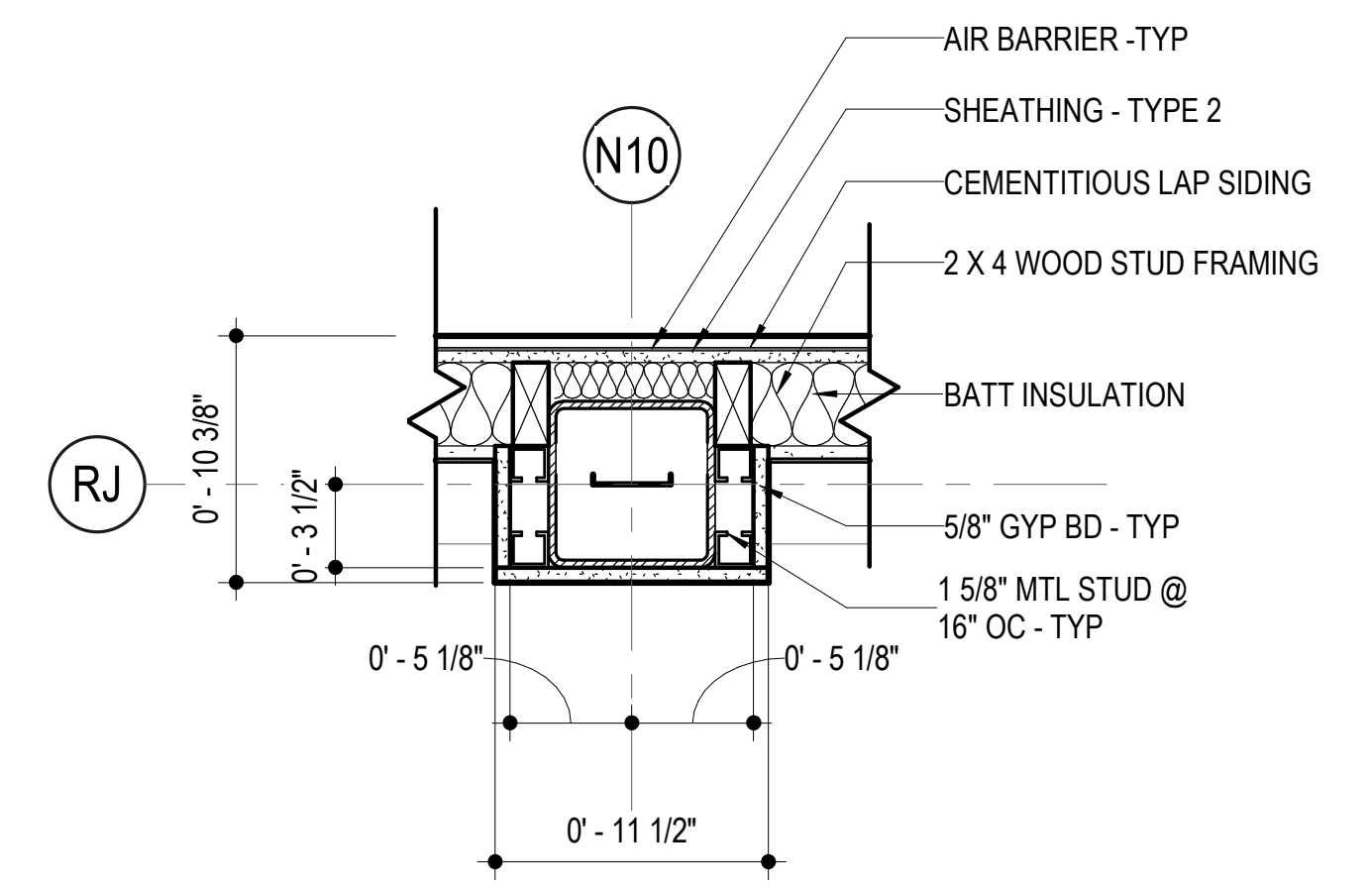


**2 CLERESTORY ROOF PLAN**  
A103 1/8" = 1'-0"

**5 COLUMN DETAIL**  
A113 1 1/2" = 1'-0"



**6 COLUMN DETAIL**  
A113 1 1/2" = 1'-0"

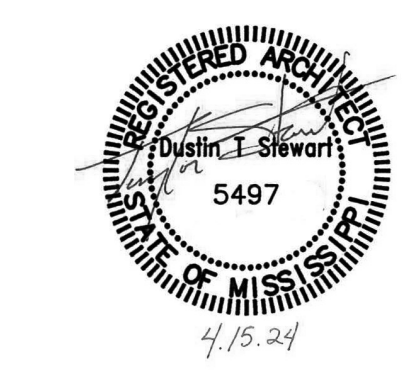


Project Lead:	STEWART
Project:	21007
Date:	04.15.2024
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Checked:	TS

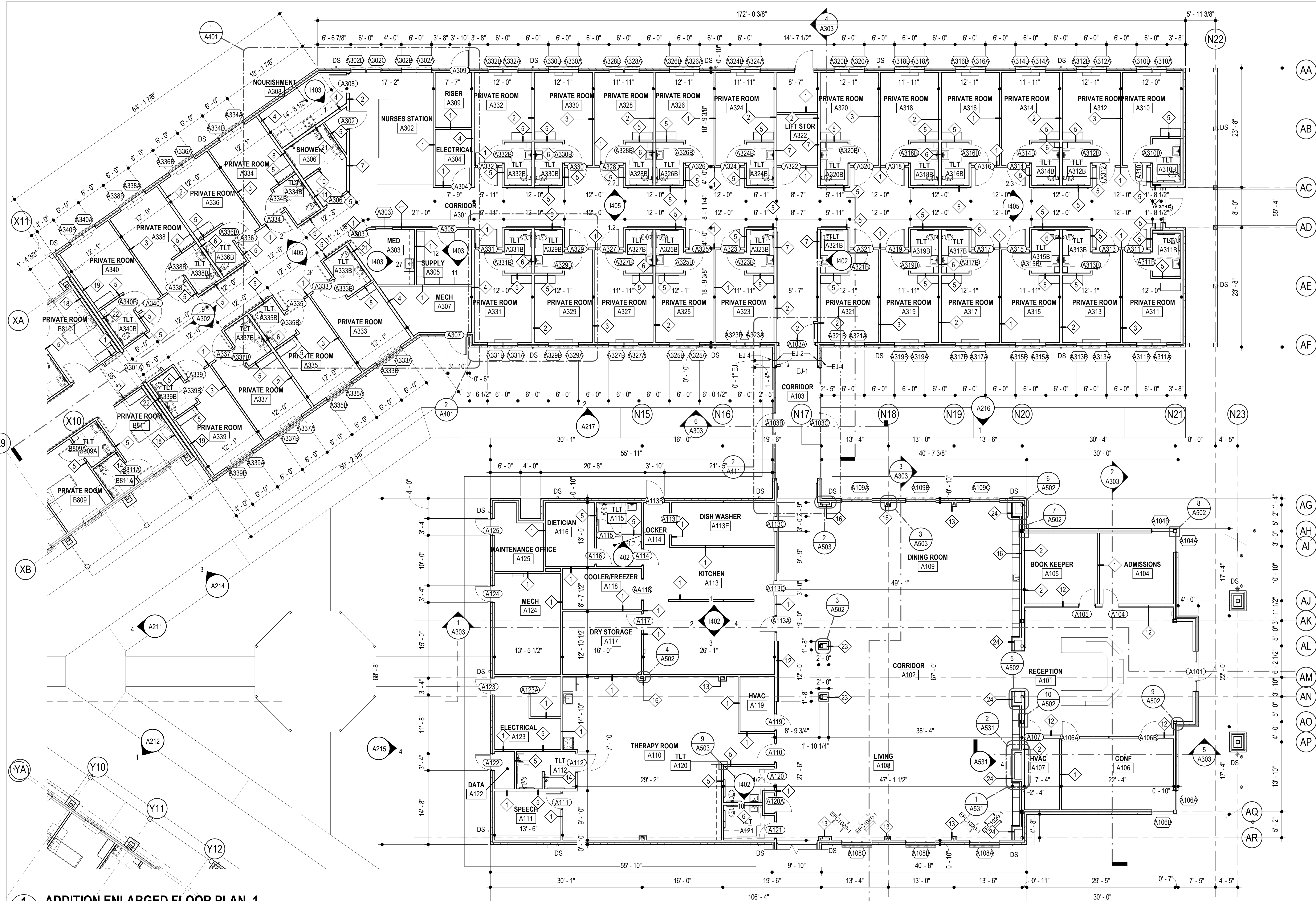
Revisions:

Revision	Date	By
1		
2		
3		

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**1 ADDITION ENLARGED FLOOR PLAN 1**  
 1/8" = 1'-0"

Revisions:

1	STEWART	21007	JAK	TS
2		04.15.2024		
3				

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 Project: 21007  
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**ADDITIONS/RENOVATIONS TO TREND HEALTH & REHAB OF BROOKHAVEN**



ADDITION FLOOR PLANS

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